

# Vong Visalsambath

Full Stack Developer | Enterprise Banking Applications

Full stack developer with nearly nine years of professional experience, currently building enterprise banking applications at CIMB Bank. Helped deliver the GDT tax payment platform now used across bank branches and the bank's mobile app, which has processed roughly 100,000 transactions since go-live. Comfortable across the whole stack — Angular and TypeScript on the frontend, ASP.NET and C# on the backend, PostgreSQL with PL/pgSQL underneath — and across the full lifecycle, from solution design and system integration through UAT to production support. Lead developer on Connect Hub, a bank-wide complaint management platform delivered end to end in 12 weeks against a regulatory deadline. Earlier experience spans Node.js, Vue/Nuxt and PHP, including mentoring a small development team.

## Work History

**2025-03 - Current**

### Senior Enterprise Service Engineer

*CIMB Bank PLC, Phnom Penh — Technology, Digital & Data, reporting to AVP, Application Delivery (joined as Executive, Backend Developer)*

- **GDT (General Department of Taxation) payment platform** — delivered as part of the project team, covering both frontend and backend, and deployed to UAT and production. Branch staff use it to collect customer tax payments for property, vehicles and land, and to credit government agency tax collections into the bank
- Built the GDT core as the shared backend for both channels: the branch web application our team built, and the bank's mobile app, built by a separate mobile team on the same core
- Integrated the platform with core banking, a General Department of Taxation government API, and the enterprise service bus and APISIX gateway
- Replaced a manual branch and operations process with a faster, more consistent flow that materially reduced human error; live in production since late 2025 and around 100,000 transactions to date, with volumes growing month on month
- **Connect Hub — enterprise complaint management platform** — lead developer, owning architecture, backend, frontend and production deployment end to end. Delivered in 12 weeks against a fixed regulatory deadline, from mockup through four role-specific milestones and UAT to production handover
- Built on ASP.NET Core 8 in a layered architecture with PostgreSQL via Entity Framework Core, and an Angular 18 frontend using standalone components, signals and OnPush
- Designed a six-role workflow that routes each complaint to the owning department automatically from the product selected, enforces configurable SLA deadlines honouring business hours and a public holiday calendar, and fires role-aware email notifications at every status change
- Implemented JWT authentication with single-active-session enforcement and Active Directory bind against the bank domain, plus a permission model bridging the bank's centralised entitlement system that degrades safely if it is unreachable
- Automated three regulatory report types for National Bank of Cambodia submissions using custom PostgreSQL functions, replacing a manual spreadsheet process and generating to the bank's exact template
- Containerised both services with multi-stage Docker builds behind an nginx reverse proxy across isolated UAT and production stacks, then remediated post-deployment CVEs to reach zero known vulnerabilities, verified with two independent scanners

## Contact


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**Portfolio**
vongvisalsambath.vercel.app


## Core Skills

**Backend**
ASP.NET Core 8 / C#, Entity Framework Core, Java, Node.js, Express.js, PHP (CodeIgniter)

**Frontend**
Angular 18 (standalone components, signals, OnPush), TypeScript, Vue.js / Nuxt.js, React.js, HTML5, CSS3, JavaScript, Tailwind CSS

**Databases**
PostgreSQL, PL/pgSQL procedures & functions, MySQL, SQL, Redis

**APIs & Integration**
REST APIs / JSON, APISIX gateway, enterprise service bus, core banking and government API integration, AJAX, Socket.io

**Deployment & Tools**
Git / GitLab / GitHub, CI/CD & deployment automation, Docker (multi-stage builds), Kubernetes, nginx, Linux, UAT & production releases, DigitalOcean, Vultr, Cloudflare

**Security**
JWT with session enforcement, Active Directory authentication, container vulnerability scanning & CVE remediation, encryption, hashing, digital signatures, secure coding standards

2025-03 - Current

### Senior Enterprise Service Engineer

*CIMB Bank PLC, Phnom Penh — Technology, Digital & Data, reporting to AVP, Application Delivery (joined as Executive, Backend Developer)*

- Replaced a Contact-Centre-only logging process with bank-wide self-service, and now lead the enhancement roadmap: complaint tagging, cross-referencing against the bank's change, incident and problem systems, and an SLA and volume analytics dashboard
- Design and maintain PostgreSQL schema objects, queries, stored procedures and PL/pgSQL functions
- Support SIT and UAT cycles including defect analysis and re-testing, then deploy releases to UAT and production using CI/CD pipelines and deployment automation
- Translate business unit requirements into technical solutions, write the technical and infrastructure documentation behind each release, and provide production support: monitoring application health, investigating incidents and applying permanent fixes
- Work with infrastructure, DevOps and information security under SDLC and IT governance, following peer code review and secure coding standards, and share technical knowledge with teammates

2023-09 - 2025-02

### Senior Full Stack Developer

*SALA Digital Solution, Phnom Penh*

- Built RESTful APIs that allowed seamless integration with other applications, and implemented responsive designs giving a consistent user experience across devices
- Collaborated with other developers to keep code consistent and maintainable

2019-07 - 2023-09

### Senior Full Stack Developer

*Melos Co., Ltd, Phnom Penh*

- Acted as the senior developer on the team: trained and mentored developers, worked through technical issues with them and applied best practices to help the team hit its goals
- Planned and built mobile-friendly websites, web applications and Node server workflows using HTML, CSS, JavaScript, jQuery, PHP (CodeIgniter) and React.js, with Express.js, Socket.io and Redis for APIs and real-time data
- Managed and deployed secure clustered Node servers behind a load balancer on Vultr and DigitalOcean, and implemented JWT, encryption, hashing and signed signatures for security

2018-01 - 2019-07

### Full-Time English Study

*Pañña sastra University of Cambodia (PUC), Phnom Penh*

- Completed the General English programme, strengthening the written and spoken English used daily in technical documentation and cross-team communication, while continuing self-directed study of programming through online lessons and personal projects

2016-05 - 2018-01

### Sr. Web Developer & IT Support / Software Developer

*Japara Cambodia Co., Ltd and Innovation International Group Co., Ltd, Phnom Penh*

- Built and maintained web applications and websites across frontend and backend, including a price comparison site from scratch, optimised web assets for speed and performance, tested sites before go-live, and provided IT support and guidance to other team members

## Education

2013-01 - 2016-01

### Bachelor of Science: Computer Science

*Royal University of Phnom Penh*

- Graduated with a GPA of 3.83; acted as team leader on university projects

## Languages

**Khmer**
Native

**English**
Professional working proficiency — General English programme, PUC

## Attributes

- Comfortable as the 'go to' person in a team
- Highly self-motivated and fast learning
- Confident communicator across technical and business teams
- Willing to adopt new and alternative technologies
- Integrity and ownership

## Personal

**Date of Birth**
29 July 1995

**Nationality**
Cambodian

## Open Source

**SlaClock**
Business-hours SLA timers for .NET
slaclock.vercel.app

**Tickline**
Live trading chart for any website
tickline-chart.vercel.app

**Iso20022Kit**
ISO 20022 and MT103 payment messages
iso20022-viewer.vercel.app

**Amortizer**
Loan schedules and true yearly cost
amortizer-steel.vercel.app

**Payee**
Reads Asian payment QR codes
payee-qr.vercel.app

**LedgerKit**
Ledger and bank reconciliation
ledgerkit-rose.vercel.app

**Iso8583Kit**
ISO 8583 card messages, test host
iso8583kit.vercel.app

**SanctionScreen**
Name screening against OFAC's list
sanctionscreen.vercel.app

**TxMonitor**
Anti-money-laundering monitoring rules
txmonitor.vercel.app