JOHN HEL GUMBAN He/Him

Senior Software Engineer | Full-Stack · React, TypeScript, Node.js, GraphQL | AI-Assisted Development

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Davao, Davao Region, Philippines

SUMMARY

Senior software engineer with 10+ years building full-stack web applications for international teams across the UK, Netherlands, Australia and the Philippines, in property management, healthcare, e-learning and fintech. Works mainly in React, TypeScript, Node.js and GraphQL, plus Python, MongoDB and REST APIs, and uses AI-assisted development (Claude Code) to ship faster.

- **Stack**: MERN (MongoDB, Express.js, React.js, Node.js)
- **Languages & Frameworks**: Python, JavaScript, TypeScript, Vue.js, Laravel, PHP
- **Frontend**: React.js, Next.js, Redux, HTML5, CSS3, SCSS/SASS, Tailwind CSS, Material UI, Bootstrap
- **Backend & APIs**: Node.js, Express.js, Python, Laravel, RESTful APIs, GraphQL, Microservices
- **Databases**: MongoDB, PostgreSQL, MySQL, CouchDB, Supabase, Firebase, Sequelize (ORM)
- **Testing**: Jest, Cypress, Mocha & Chai, Postman
- **DevOps & Tools**: Git, Vercel, Docker, AWS (S3), Jira, Trello, Sentry, Figma
- **Workflow**: Agile, Scrum, CI/CD, Code Reviews
- **AI & Tooling**: AI-assisted development (Claude Code, ChatGPT), prompt-driven workflows
- **Integrations**: OpenAI, Claude Code, Stripe, Twilio, Globelabs

EDUCATION

06/2012 – 06/2016

Bachelor of Science, Computer Science

University of the Philippines

EXPERIENCE

03/2026 – Present
Remote

Senior Software Engineer

PURE HomeRiver Property Management

PURE HomeRiver Property Management: property management company.

- Build full-stack features for a property management platform across a React and TypeScript frontend and a Node.js and GraphQL backend.
- Own features end to end, from planning through implementation, code review and release.
- Use AI-assisted development (Claude Code) for planning, implementation and code review.

03/2025 – 03/2026
Remote, Australia

Senior Software Engineer

BarBooks

BarBooks: cloud practice-management software for Australian barristers and their clerks.

- Built full-stack features for BarBooks, cloud practice-management software for Australian barristers and their clerks, with React, TypeScript and MUI on the frontend and Node.js, Express and TypeScript on the backend.
- Delivered invoicing features: barrister and group filters and a draft column on the new-invoice screen, draft task conversion from an invoice, and invoice status tracking.
- Extended diary bookings and task management, including keeping cancelled bookings as records, a page-size selector for large task lists, and a debt-chasing group filter.

03/2022 – 03/2025
Remote, United Kingdom

Senior Software Engineer

Mazer Ltd

Mazer: healthcare tech firm specializing in lab info systems for clinical diagnostics.

- Built and maintained core platform features across frontend and backend
- Reduced production incidents by introducing Cypress E2E and Jest unit testing into the CI pipeline
- Designed RESTful APIs powering cross-system integrations
- Managed MongoDB and CouchDB data layers handling thousands of records with zero data loss over 3 years
- Led technical planning in a cross-functional Agile team (product, QA, DevOps)

08/2020 – 03/2022
Remote, Netherlands

Software Engineer (Frontend)

ExpertCollege

ExpertCollege: interactive courses, exam prep, and certification tools for healthcare professionals.

- Built a reusable Material UI component library, cutting UI dev time across the team
- Improved page load performance through code splitting, lazy loading, and render optimisation
- Established frontend code review standards that reduced post-release UI bugs

09/2018 – 08/2020
Remote, Australia

Software Engineer

Appetiser Apps

Appetiser Apps: global digital product agency building mobile and web apps for startups and enterprises.

- Shipped multiple production apps end-to-end, from client scoping through deployment and handoff
- Built RESTful APIs and microservices in Laravel
- Optimised MySQL queries, reducing average response times on high-traffic endpoints
- Delivered frontends in React/Redux and Vue.js across different client industries

09/2016 – 09/2018
Makati City, Philippines · On-site

Software Engineer

SCI Ventures Inc. (Satoshi Citadel Industries)

SCI Ventures: blockchain-focused fintech firm. Developed Citadax, a cryptocurrency exchange.

- Architected the trading platform backend in Node.js, handling high volumes of real-time financial transactions
- Built PostgreSQL data models ensuring transactional integrity across concurrent crypto trading operations
- Delivered the trading UI in React/Redux with live price feeds, order books, and portfolio dashboards
- Wrote Mocha/Chai test suites covering critical trading paths, reducing production incidents