

# PRADEEPKUMAR R

+60 14-621-7662 · [pradeepravi.cse@gmail.com](mailto:pradeepravi.cse@gmail.com) · WP Kuala Lumpur, Malaysia

LinkedIn: pradeepkumarcse · rpradeepkumar.com

## Lead Full-Stack Engineer | Node.js & React | Azure Cloud & DevOps

Impact-driven Lead Full-Stack Engineer with over 9 years of experience architecting and delivering high-performance, secure web applications. Proven to enhance system scalability by 50%, reduce deployment times by 30%, and cut post-deployment bugs by 25% through expert implementation of Node.js, React, and modern DevOps practices. A key contributor to business growth, helping to secure 5+ new client projects through technical leadership.

### Technical Skills

Programing Languages	JavaScript, Typescript
Frontend Technologies	React, Redux, React Query, Next.js, Storybook, HTML, CSS, SCSS, Webpack, Vite, a11y, i18n
Backend & API Development	Node.js, Express.js, Nest.js, RESTful APIs, Zod, MSW, Structured Logging & Tracing
Testing	Jest, React Testing Library
Identity & Security	Keycloak, OAuth2/OIDC, JWT, JWKS, PKCE, RBAC, CSRF Protection, CSP Headers, Audit Logging, Secure Coding (OWASP)
Databases	MongoDB, PostgreSQL, Redis
Payment	Stripe (Checkout/Elements), Subscriptions, Invoices
Cloud & DevOps	Docker, Kubernetes (AKS), NGINX Ingress, Azure DevOps, GitHub/GitLab CI, SonarQube, Fortify, Nexus, EFK, Prometheus/Grafana
Architecture & Practice	Microservices, Domain Driven Design (DDD)

## PROFESSIONAL EXPERIENCE

### Mindgraph Solutions Sdn Bhd

#### Associate Solution Designer & Senior Software Engineer

September 2021 - Present  
WP. Kuala Lumpur, Malaysia

- Led the architecture of a full-stack microservices platform, improving system scalability by 50% and serving as the technical SME to help secure 5+ new client projects.
- Automated end-to-end deployment pipelines with Azure DevOps and Kubernetes, slashing deployment times by 30% and significantly improving system reliability.
- Championed a shift-left approach to quality by driving TDD adoption to achieve 90%+ test coverage, which cut post-deployment production bugs by 25%.
- Engineered a secure authentication system using Keycloak and embedded SonarQube and Fortify security scans into the CI/CD pipeline, ensuring OWASP compliance.
- Pioneered the use of AI agents to automate code reviews and test case generation, enhancing code quality and reducing the manual workload on the engineering team.
- Mentored a team of 15+ engineers on full-stack development best practices, fostering a culture of high-quality code and continuous improvement.

### Virtusa Consulting Service Pvt Ltd

#### Consultant - Technology

April 2020 - July 2021  
Chennai, India

- Developed full-stack features using React and Node.js, creating modular frontend components and ensuring seamless integration with backend APIs.
- Conducted rigorous code reviews and collaborated with cross-functional teams to align system designs with business needs.

### Early Career: Frontend & Web Design (2016 - 2020)

- **Roles:** Web Developer at Capsule8 , UI/UX Designer & Web Designer at BlueAlly Infotech and Easton Media.
- Built responsive websites and UI components while contributing to backend API integrations, establishing a strong full-stack foundation from early in my career.

---

## EDUCATION

### Bachelor's degree in computer science engineering

C. Abdul Hakeem College of Engineering & Technology – Tamilnadu, India  
2012 – 2016