

KARTHIKKUMAR K

Senior Full Stack Developer

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with 4.5+ years of experience building scalable, secure, high-performance web applications across fintech and healthtech domains. Expertise in Angular (v8+), Node.js, AWS deployments, and CI/CD automation, with measurable improvements in release efficiency and deployment stability. Experienced in integrating AI-powered (LLM/ChatGPT) solutions and implementing secure, production-ready architectures.

TECHNICAL SKILLS

Frontend: Angular (v8+), React.js, Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Bootstrap

Backend: Node.js, Django, Spring Boot, RESTful API Development

Databases: MySQL, MongoDB

DevOps & Cloud: AWS (EC2), CI/CD Pipelines, Git, Linux

Security: JWT, OAuth 2.0, API Hardening, VAPT Collaboration

AI & Automation: LLM Integrations (ChatGPT), Workflow Automation, PowerShell & Python Scripting

PROFESSIONAL EXPERIENCE

Product Engineer

DigitalXC AI Technologies Pvt Ltd | Chennai

Oct 2025 – Present

- Designed and implemented automation solutions using PowerShell, Python, and Node.js, reducing manual deployment effort and cutting release time by 30% across development, staging, and production environments.
- Integrated AI-powered assistants (LLM/ChatGPT solutions) into internal and client platforms to automate workflows and enhance intelligent response handling.
- Built and maintained CI/CD pipelines, reducing deployment failures by 25% and increasing overall test coverage.
- Strengthened API security by implementing JWT/OAuth authentication, performing API hardening, and collaborating with VAPT teams to ensure secure production releases.
- Developed and maintained automated test frameworks, reducing production defects and improving overall system stability.

Senior Full Stack Developer

Finmet Software Technologies Pvt Ltd | Coimbatore

March 2024 – Oct 2025

- Led development and AWS EC2 deployment of 4 enterprise-grade applications (PMLA, E-Gold, IoT Tracker, BT Dashboard), supporting 5,000+ active users and managing server configuration, build pipelines, and production releases.
- Designed and developed scalable REST APIs and frontend modules using Angular and AdonisJS, ensuring high-performance and maintainability.

- Integrated AI-powered ChatGPT solutions into the Screenmate platform to enable assistant creation, intelligent messaging workflows, and dynamic response handling.
- Collaborated with external VAPT teams (QSEAP) to address security vulnerabilities, implement API hardening, and ensure compliance with secure deployment standards.
- Managed production deployments, monitored live environments, and resolved critical incidents to maintain high application stability and uptime.
- Implemented automated backend test cases and improved code quality practices, enhancing system reliability and reducing regression defects.

Full Stack Web Developer

India Health Link Pvt Ltd | Chennai

May 2023 – March 2024

- Spearheaded development and integration of a medical coding system into the healthcare application (hPod), improving usability and streamlining management of patient vital data.
- Led integration of the Ayushman Bharat Health Account (ABHA) module, enabling secure health record linkage and enhanced data accessibility for users.
- Designed and developed a standalone Angular 16 application from scratch, delivering interactive dashboards and data visualizations to enhance vital test analysis and user experience.
- Collaborated with cross-functional teams to implement and optimize medical metrics including BP, BMC, ECG, and other clinical parameters.
- Conducted end-to-end testing, debugging, and validation to ensure accuracy, reliability, and compliance with healthcare data standards.

Junior Web Developer

Farazon Software Technologies Pvt Ltd | Coimbatore

Feb 2022 – May 2023

- Developed and maintained Angular-based web applications and responsive UI components based on client requirements.
- Designed and implemented RESTful APIs (GET, POST, PUT, DELETE) to support CRM and internal business applications.
- Implemented push notifications, bulk email systems, and workflow automation features to enhance user engagement.
- Participated in full SDLC activities including requirement analysis, development, testing, and deployment in Linux-based environments.

EDUCATION

Bachelor of Engineering (B.E.) – Computer Science and Engineering

Sri Ramakrishna Institute of Technology | Coimbatore

2018 – 2022 | CGPA: 8.5

PUBLICATION

Genuine Product Verification System Using Blockchain Technology – IJARIIE