Nipun Dineshan

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Professional Summary

Senior Software Engineer with **16 years of experience** in **Java, Microservices, and Full-Stack Development**, specializing in **enterprise software, healthcare imaging systems, and blockchain wallet solutions**. Proven track record in **leading cross-functional teams, designing scalable architectures, and delivering high-performance applications**. Skilled in **Agile/SCRUM, cloud-native development, and DevOps practices**, with strong problem-solving and client engagement abilities.

Core Skills

- **Programming & Frameworks:** Java, Spring Boot, NestJS, Play, OpenJPA, Microservices
- **Frontend & UI:** Angular (8+), HTML5, CSS3, JavaScript (ES6+), TypeScript, Single SPA
- **Databases:** PostgreSQL, MySQL, MongoDB
- **DevOps & Tools:** Docker, Git, Perforce, Jenkins, Rally, Jira, Bugzilla
- **Concepts:** OOPs, Design Patterns, RESTful APIs, Multi-threading, OSGi
- **Other Skills:** Agile/SCRUM, Unit/System Testing, HPQC, TestNG

Professional Experience

Lexim Gold – Software Developer *(Oct 2024 – Present, UAE)*

- Designed and developed **Wallet Management System** for multi-chain blockchain wallets (Ethereum, Solana, Tron).
- Implemented **real-time wallet insights** (balances, token holdings, transactions) with tagging and filtering features.
- Built full-stack solution using **Angular + NestJS + PostgreSQL + Docker**, improving data processing efficiency by **30%**.

Quest Global (NeST) – Senior Lead Engineer *(Jul 2014 – Sep 2024, India)*

- **Led a team of 8 engineers** in designing and developing medical imaging solutions for **GE Healthcare**.
- Architected and delivered **X-Ray Acquisition System** integrating multi-threaded actors; optimized acquisition speed by **25%**.
- Developed **CSD (Common Service Desktop)** for ultrasound devices, enabling faster troubleshooting and reducing service downtime by **20%**.
- Mentored junior developers and introduced **Agile best practices**, improving sprint delivery success rate from **75% → 95%**.

Tata Elxsi – Software Engineer *(Feb 2010 – Jun 2014, India)*

- Designed and implemented features for **Jabber Messaging App**, enabling secure single/group chats for enterprise clients.
- Built reusable **UI components (AngularJS, HTML5, CSS3)** reducing development time for new features by **30%**.
- Collaborated with cross-functional teams and delivered production-ready modules under strict deadlines.

Major Projects

Wallet Management System – *Blockchain Fintech Solution*

- Full-stack architecture, real-time wallet integration, and ledger import.
- Tech: Angular, NestJS, PostgreSQL, Docker.

X-Ray Acquisition System – *Medical Imaging*

- Developed acquisition workflows and schedulers for GE Healthcare.
- Tech: Core Java, Swing, Angular 8, Spring Boot, Microservices.

Common Service Desktop (CSD) – *GE Ultrasound Devices*

- Enabled field engineers to service devices with diagnostic tools.
- Tech: Angular, NodeJS, WebSockets, Jenkins, Express.

Jabber Messaging App – *Enterprise Collaboration*

- Secure instant messaging with group chat features.
- Tech: AngularJS, Java, OSGi, Openfire.

Education

- Diploma in electronics from NTTF
- Bachelor of Computer Applications (BCA) – In Progress

Key Achievements

✔ 16 years in **enterprise software & product development**
✔ Architected **multi-chain blockchain wallet system** (2024)
✔ Delivered **medical imaging solutions** used globally in GE Healthcare devices
✔ **Led and mentored teams**, improving Agile delivery success to **95%**
✔ Hands-on expertise in **Java + Angular + Microservices + Docker** stack