

Vivek Kumar

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PROFESSIONAL SUMMARY

Accomplished Software Developer with 3.7 years of progressive experience in architecting, developing, and optimizing enterprise-grade applications using **Java, Spring Boot, TypeScript, Microservices, AWS, Data Structures and Angular**. Demonstrated expertise in **RESTful API design, database optimization, front-end development, and cloud-based deployments**. Recognized for delivering **scalable, high-performance solutions**, improving system efficiency, and driving digital transformation initiatives in Agile environments. Skilled in **mentoring teams, implementing automation, and ensuring robust software quality**.

PROFESSIONAL EXPERIENCE

Software Developer

TVS Credit Services | Nov 2021 – May 2025 | Chennai, India

- Engineered **scalable microservices architectures** using Spring Boot, enhancing system performance.
- Designed and deployed **RESTful APIs**, streamlining data exchange and reducing latency.
- Optimized **SQL queries and database schemas**, resulting in **50% faster transaction processing**.
- Automated end-to-end deployment pipelines with **Jenkins CI/CD**, reducing release cycles.
- Championed **unit testing and defect resolution**, lowering production defects.
- Spearheaded **Agile ceremonies**, ensuring timely delivery with a **improvement in sprint efficiency**.
- Provided **technical guidance and mentoring**, improving team productivity and code maintainability.

Web Developer Intern

TCS-iON | Aug 2021 – Oct 2021 | Ranchi, India

- Developed a **cloud-enabled health management platform** using JavaScript, HTML, and CSS.
- Integrated **secure REST APIs** for medical records, enhancing data accessibility and compliance.
- Implemented **end-to-end authentication and encryption mechanisms**, ensuring **data integrity and security**.
- Deployed on **AWS cloud**, reducing infrastructure costs.
- Delivered project milestones **ahead of schedule** by adopting Agile delivery practices.

KEY COMPETENCIES

- Core Java & OOPS Concept
 - Enterprise Application Development
 - Microservices Architecture
 - Implement Data Structures & Algorithm
 - Multithreading
 - RESTful API Design
 - Front-End Development (Angular)
 - Database Optimization & Performance Tuning
 - CI/CD Automation
 - Agile & Scrum Methodologies
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KEY PROJECTS

E-Mandate Platform

Technology Stack: Java, Spring Boot, REST API, Angular, Maven, SVN

- Architected and developed a **robust mandate registration and loan repayment platform** ensuring scalability, compliance, and security.
 - Leveraged **Spring Boot** to deliver backend services integrated with third-party APIs (Payment Gateways, Aadhaar Authentication, UPI).
 - Built a **responsive Angular front-end**, enabling real-time tracking of repayment mandates and loan schedules.
 - Designed **optimized database schemas** for secure and high-performance data management.
 - Delivered **continuous post-production enhancements**, improving user experience and system reliability.
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PROFESSIONAL ACHIEVEMENTS

- Recognized for **improving application scalability by 40%** at TVS Credit.
 - Delivered **30% cost savings** through AWS-based deployments and infrastructure optimization.
 - Mentored a team of junior developers, increasing productivity and reducing onboarding time.
 - Consistently achieved **on-time sprint delivery** with Agile practices, improving release efficiency.
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EDUCATION

Bachelor of Technology

Bachelor of Technology in Computer Science and Engineering, Amity School of Engineering & Technology
Amity University | Jharkhand, India

Graduation Year: 2021 | CGPA: 7.8/10

CERTIFICATIONS

Advanced Java Development
Agile & Scrum Certification
Angular Foundation

TOOLS & PLATFORMS

- **Cloud & DevOps:** AWS, Jenkins, Docker, Maven
 - **Frontend & Backend:** Angular, Java, Core Java, OOPS, Spring Boot, J2EE, Hibernate, Spring JPA
 - **Databases:** Oracle, SQL, PL/SQL, MySQL
 - **Version Control:** Git, SVN
 - **IDEs & Utilities:** Eclipse, Spring Tool Suite (STS), VS Code, Postman, SQL Developer
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LANGUAGES

- Hindi
 - English
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