David Kumar Fule

+917869524223 | davidfule18@gmail.com | linkedin.com/in/davidfule/

PROFESSIONAL SUMMARY

Versatile Software Development Engineer with hands-on experience in full-stack web development using Java, Spring MVC, PostgreSQL, and RESTful APIs. Proficient in building scalable backend systems, multithreaded applications, and real-time data crawlers with high performance and low latency. Strong foundation in object-oriented programming, database optimization, and frontend technologies like HTML, CSS, and JavaScript. Adept at writing clean, maintainable code, deploying services, and collaborating in fast-paced development environments.

EDUCATION

International Institute of Information Technology, Naya Raipur, India
B.Tech ECE Expected June 2026 (Electronics and Communication Engineering)

WORK EXPERIENCE

Software Developer Intern, Coding Club India | 2.7 Lakh+ Followers on LinkedIn
• Developed responsive web interfaces using HTML, CSS, JavaScript, and Bootstrap supporting multi-device.
• Built backend modules using Java and Spring MVC to support scalable feature development.
• Designed and integrated RESTful APIs with optimized SQL queries, improving data retrieval performance.
• Conducted A/B testing on multiple UI flows, resulting in 30% higher engagement and 25% drop in bounce.

PROJECTS

Twitter Clone: Scalable Social Media Platform | HTML, CSS, Javascript, Postgres, Spring MVC
• Developed a full-stack tweet-sharing platform scalable to 1M+ users using Spring MVC and PostgreSQL.
• Implemented 10+ features including Login, Signup, Tweet Creation, Follow with complete backend logic.
• Optimized read queries in PostgreSQL to respond under 10ms; backend API latency under 50ms.
• Achieved 100% REST API test coverage using Postman and JUnit, ensuring robust backend performance.

Bollywood Movie Songs Downloader | Javascript, Spring MVC, Multithreading Crawling
• Implemented multithreaded crawling to achieve 50 times faster song downloads from target sources.
• Used Java HttpClient for stable connections, achieving a 95% download success rate.
• Handled large-scale song metadata extraction with minimal failure and optimized thread management.

Advanced Ecommerce Recommendation System | Python, NLP, BoW, TF-IDF, Word2Vec
• Engineered a content-based recommendation system with results within 100 milliseconds.
• Supercharged product recommendations on e-commerce platforms for 1 million products.
• Attained a remarkable 98% accuracy rate with NLP Models, including Bag of Words and TF-IDF.
• Seamlessly integrated the Amazon product advertising API for enhanced functionality.

TECHNICAL SKILLS

• **Languages:** Python(Basic), JavaScript, HTML, CSS
• **Databases:** MySQL, PostgreSQL, MongoDB
• **Backend Frameworks:** Spring MVC
• **Data Analytics:** SQL Queries, Data Cleaning
• **Tools:** Git, Postman, JUnit, Jupyter, VS Code, IntelliJ, Eclipse
• **Cloud Platforms:** AWS (S3, EC2), Google Cloud

CERTIFICATIONS

Java Full Stack Development with Spring MVC – Coding Club India (2.7 Lakh+ Followers)

HONORS AND AWARDS

• **Solved 500+ algorithmic problems** across LeetCode, CodeChef, HackerRank, InterviewBit, and SPOJ.