

PUNEET PATIL

Java | Spring Boot | Node | React | Next.js | Python | MySQL | MongoDB | REST API | Linux | AWS

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SUMMARY: Experienced Full-stack Software Engineer with over 3 years of expertise in building high-performance web applications using **React, Node.js, Spring Boot, PostgreSQL, Redis** and **Kafka**. Proven expertise in developing **RESTful APIs**, optimizing system performance, and automating **CI/CD pipelines** with **Docker, Kubernetes, and Jenkins**.

EDUCATION:

San Diego State University, USA
Masters in Computer Science

August 2022 - May 2024
GPA: **3.81** / 4.0

Mumbai University, India
B.E. in Computer Engineering

August 2017 - May 2021
GPA: **9.09** / 10.0

Relevant Courses: Object Oriented Programming, Data Structures & Algorithms, Software Engineering, Modern Full-stack Web Development, Machine Learning, Artificial Intelligence, Big Data and Analytics, Computer Networks, Operating Systems

SKILLS:

Languages: Java 8, Javascript, Typescript, Python, SQL

Databases: MySQL, MongoDB, Hibernate ORM, MariaDB, PostgreSQL, Redis

Web Technologies: React, Redux, Next.js, Node, Express, HTML5, CSS3, Tailwind CSS, jQuery, AJAX, JSON, XML, CORS

J2EE Technologies: Spring Boot, Spring Security, Spring MVC, Spring Web, Spring REST, Servlets, JSP, JavaBeans, JDBC

DevOps & Cloud: Linux, Maven, Gradle, Microservices, Docker, Kubernetes, CI/CD, Jenkins, Kafka, AWS, Azure

Tools: Git/Github, Postman, JUnit, Mockito, Jest, Hasura GraphQL, Salesforce, IntelliJ IDEA, Visual Studio Code

PROFESSIONAL EXPERIENCE:

Lavin Entrepreneurship Center - SDSU Research Foundation
Senior Software Engineer | (**React, Redux, Node.js, Express, Jest, Git**)

San Diego, USA
May 2023 - May 2024

- Built a high-performance web application using **React, Redux, MongoDB & Node.js**, boosting user engagement by **40%**.
- Spearheaded the development of **responsive** and **scalable UI components**, optimizing for performance and cross-browser compatibility, handling **10K+ daily users**.
- Developed scalable **RESTful APIs** with **Node.js** and **Express**, improving response times by **30%** for **10K+** daily requests.
- Mentored and led a team of 5 developers**, implementing robust **end to end testing** using **Jest**, achieving **90%** code coverage and reducing bug reports by **35%**, while utilizing **Git** for version control and collaboration.

GreetGood Retail (E-commerce Startup)
Full-stack Software Engineer | (**React, Redis, Kafka, Spring Boot, JUnit, Jenkins, Docker**)

Ratnagiri, India
May 2019 - July 2022

- Spearheaded the development of a full-stack **e-commerce platform** using **React, Redux, TypeScript, PostgreSQL**, and **Spring Boot**, serving **50K+ users** with a **35%** increase in user engagement.
- Engineered **RESTful APIs** with **Spring Boot**, integrating with **React & PostgreSQL**, handling **10K+ daily transactions**.
- Enhanced application security with **Spring Security (OAuth2, JWT, RBAC)**, cutting security incidents by **60%**.
- Optimized database performance using **Hibernate ORM** and complex **SQL queries**, enhancing throughput by **45%**.
- Incorporated **Redis caching & Kafka** for real-time data, cutting database load by **50%** & improving app responsiveness.
- Implemented comprehensive **unit and integration testing** strategies using **JUnit** and **Mockito** in **agile environments**, following **TDD principles** and **SDLC methodologies**, reducing production issues by **40%**.
- Automated the **CI/CD pipeline** using **Jenkins** and **Docker**, reducing manual efforts from **4 hours to 30 minutes**.

HIGHLIGHTED PROJECTS:

Covid19 Vaccine Slots Tracker | (**Java, Spring Boot, Kafka Streams, AWS Lambda, Maria DB**)

[Github Repo](#)

- Architected a **streaming-based notification system** that integrates **Kafka Streams, AWS Lambda, Maria DB** and **Spring Boot** with the **CoWIN API** to provide real-time vaccine availability alerts to **10,000+** users on Telegram.

Secured Online Banking Application | (**Java, React, Redux, Spring Boot, Spring Security, JWT**)

[Github Repo](#)

- Engineered a secure online banking application with a **React + Redux** frontend and a backend using **Spring Boot, Spring Security Crypto, JWT authentication**, and **Interceptors**, ensuring a **40%** drop in security vulnerabilities.

Netflix Full-stack Web App | (**Next.js, Magic, JWT, Hasura GraphQL, RESTful API, SEO**)

[Github Repo](#)

- Designed a full-stack Netflix clone using **Next.js, Magic, JWT** and **Hasura GraphQL** using **Server Side Rendering (SSR)** and **Incremental Static Regeneration (ISR)** to enhance **SEO** by **35%**.

K8s CI/CD Pipeline | (**Kubernetes, Jenkins, Docker, AWS, Ansible, Git**)

- Automated **Docker** image creation and **Kubernetes** deployment on a **multi-node AWS EC2 cluster** using **Jenkins, DockerHub**, and **Ansible** for **CI/CD**.