

Pratik Patel

Full Stack Software Engineer | [AWS Cloud Practitioner](#) | [AWS AI Practitioner](#)

630-303-8596 | ptl.pratik717@gmail.com | Chicago, IL | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Hacker Rank](#) | [Portfolio](#)

Authorized to work in the U.S. without sponsorship

Experienced Software Engineer with 4+ years of expertise in designing and developing scalable full-stack web applications using Java and JavaScript stacks. Proficient in React.js, Node.js, Java, Spring Boot, and RESTful APIs, with hands-on experience integrating AI-driven solutions. Skilled in microservices architecture, Docker, and CI/CD pipelines, delivering high-performance, user-centric solutions. Adept at leveraging modern technologies to enhance efficiency, optimize performance, and contribute to robust software development in dynamic, collaborative environments.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, Python
- **Frontend Technologies:** ReactJS, NextJS, Redux, Angular, HTML, CSS
- **Backend Technologies:** Microservices, Spring Boot, NodeJS, Express, Spring, Hibernate, RESTful APIs
- **Databases:** MySQL, MongoDB, PostgreSQL AWS RDS, AWS DynamoDB
- **DevOps & Cloud:** AWS (EC2, VPC, S3, lambda, CodeDeploy, Sagemaker), Docker, Kubernetes, Jenkins, GitHub
- **Tools/Software:** Git, IntelliJ IDEA, VS Code, Eclipse, Apache Kafka, RabbitMQ, Postman
- **Data Structures & Algorithms:** Strong knowledge of algorithms and data structures
- **Software Development Practices:** Agile methodologies, CI/CD

TECHNICAL PROJECTS

1 - AI powered Chat-Image-Recipe Generator Web Application | Full Stack Developer | [GitHub](#)

Built an application to generate Image, chat and food Recipe. Utilized Java Spring Boot, React, JavaScript, and Spring AI

2 - Reel Review Full Stack App | Full Stack Developer | [Live Demo](#) | [GitHub](#)

Developed a full-featured movie review application to provide a platform for movie enthusiasts to share their opinions and discover new films. Utilized JavaScript, ReactJS, Node.js, JWT, Axios, MongoDB, and Cloudinary for image upload.

3 - Sports-center Web Application | Full Stack Developer | [GitHub](#)

Built a web application using Java Spring Boot, React, TypeScript, and Docker

4 - E-Commerce App | Full Stack Developer | [Live Demo](#) | [GitHub](#)

Build E-commerce Web Application using MERN stack with Analytics feature using React, Express, JavaScript, MongoDB

5 - AI Chatbot using RAG | Full Stack Developer | [GitHub](#)

Built an AI Chatbot using RAG to get responses from uploaded document. Utilized NextJS, TypeScript, OpenAI, pinecode.

EXPERIENCE

Technology Analyst | Infosys (Client: American Express) | Chicago, IL

March-2021 – August-2024

- Designed and developed **full-stack web applications** using **Java Spring Boot** for the backend and **ReactJS** for the frontend, delivering user-centric solutions and improving customer satisfaction by 25%.

- Implemented **RESTful APIs** with Java, ensuring seamless integration between backend and frontend systems.

- Optimized front-end performance and enhanced UI/UX using **ReactJS**, resulting in responsive and scalable web app.

- Utilized **Docker** to containerize applications, enabling consistent environments across development, testing and prod.

- Integrated **Jenkins** for automated build and deployment pipelines, ensuring efficient and reliable application delivery.

- Created and managed comprehensive **unit tests** for the frontend using **Jest** and the backend using **JUnit**, achieving 95% code coverage and ensuring application reliability and robustness.

- Represented my team during a major global release, collaborating with cross-functional teams to ensure timely delivery and covering QA responsibilities amidst resource constraints.

- Collaborated with cross-functional teams to deliver **7 major projects**, implementing new features, troubleshooting critical issues, and meeting tight deadlines.

Software Developer | Sears Holdings Corp | Hoffman Estates, IL

Septmber-2020 – March-2021

- Developed and maintained **backend applications** using **Java** and **Spring Boot**, ensuring code quality through rigorous testing with **JUnit**.

- Designed and implemented **RESTful APIs** to support seamless data exchange between applications and clients.

- Optimized **MySQL** database interactions using **Hibernate**, resulting in a 20% improvement in appl performance.

- Created complex **SQL queries** and enhanced data persistence, achieving performance gains of up to 30%.

- Designed and implemented **scalable application architectures**, contributing to high-level design documents and translating specifications into functional, reliable backend systems.

- Built and maintained **CI/CD pipelines** with **Jenkins**, streamlining deployment processes and ensuring efficient application delivery.

EDUCATION

• **Master** in Computer Science - City University of Seattle

September-2024

• **Bachelor** in Computer Science - Software Development - Northern Illinois University

August-2020

CERTIFICATIONS

• AWS AI Practitioner - 93089ad51a9d49fe952c4474e5405ab9

January-2025

• AWS Cloud Practitioner - 2F87QWQ27BEQ1XGT

March-2023