

# Hari Prasad Metturu

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## EDUCATION

### California State University Long Beach

Master of Science in Computer Science; 3.5/4

Aug 2023 – May 2025

Long Beach, CA

### Sathyabama Institute of Science and Technology

Bachelor of Engineering in Computer Science; 8.4/10

Aug 2017 – May 2021

Chennai, India

## EXPERIENCE

### Cognizant Technology Solutions

Software Engineer

Sep 2021 – Jul 2023

Chennai, India

#### Project: Cigna Healthcare US

- Built and maintained responsive **React.js** + **TypeScript** interfaces for Cigna's healthcare claims and payment portals, improving UX across mobile and desktop for over **250K users**.
- Developed modular **Spring Boot** microservices for claims processing and policy updates, implementing RESTful APIs and **custom JPA queries** to reduce latency by **30%**.
- Visualized insurance data (claims, premiums, demographics) using **Recharts** and dynamic dashboards, eliminating **200+ hours/month** of manual report generation.
- Designed efficient MySQL data access layers using **Spring Data JPA** with paging, joins, and projections, cut report generation time by **35%**.
- Wrote unit tests with **JUnit 5** and integrated them into CI pipelines with GitLab, ensuring business logic reliability with **85%+ test coverage**.
- Collaborated with QA and DevOps teams to deploy services to **AWS EC2**, monitor application health with **CloudWatch**, and resolve staging issues through log analysis and hotfixes.

### Cognizant Technology Solutions

Software Development Intern

Feb 2021 – June 2021

Chennai, India

- Led the development of a fully functional online tailoring store, harnessing the power of **React.js**, **Spring Boot**, and **MySQL** allowing customers to seamlessly interact with a community of skilled tailors.
- Crafted a user-friendly web interface facilitating customer registration, tailor profile creation, order placement, and tracking, improving user satisfaction by **30%** due to a more intuitive layout.
- Implemented location-based search, facilitating users to find nearby tailors for an optimized tailoring experience.

## PROJECTS

### AI-Powered Resume & JD Matcher | *React.js, Next.js, Spring Boot, OpenAI API*

April 2025

- Developed a web application that compares resumes and job descriptions using **GPT-4**, returning match scores, missing keywords, and improvement suggestions to enhance job targeting.
- Built a responsive frontend with **React** + **Next.js** and a RESTful **Spring Boot** backend that integrates OpenAI prompts and handles file parsing for PDF/text inputs.

### Personal Finance Dashboard with AI Insights | *React.js, Recharts, Spring Boot, OpenAI API*

May 2025

- Created a full-stack dashboard to upload and analyze CSV bank statements, categorize expenses, and visualize spending trends using **Recharts**.
- Used **Spring Boot** backend to process transaction data and call **OpenAI GPT-4** to generate personalized summaries, savings tips, and natural language insights.

## CERTIFICATIONS

### AWS Certified Developer – Associate | *Amazon Web Services*

May 2025

- Validated skills in developing, deploying, and debugging cloud-based applications on AWS.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript(ES6), Java, C++, HTML5, CSS3

**Frameworks:** React.js, Node.js, Express.js, Next.js, Spring Boot, Hibernate

**Cloud:** AWS

**Deployment & DevOps:** Jenkins, Docker, Kubernetes, GitLab, CI/CD

**Database Management:** MongoDB, MySQL