

RAJESH PUNGATHURU

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United States

LinkedIn

GitHub

Portfolio

Professional Summary

Full stack developer skilled in **Java**, **JavaScript**, **TypeScript**, and **Python**, with expertise in frameworks like **Spring Boot**, **Angular**, **React.js**, and **Node.js**. Proficient in database management, cloud platforms like **Azure**, **AWS**, and Oracle. Hands-on experience with DevOps tools, **CI/CD pipelines**, **Docker**, **Kubernetes**, and Agile development. Strong problem solving, teamwork, and project management skills.

Skills

- **Languages:** Java, JavaScript, JSON, Python, HTML5, CSS3, TypeScript, Linux, Bash
- **Frameworks & Technologies:** Spring Boot, Hibernate, Angular, React.js, Node.js, Bootstrap, JUnit, REST APIs, Redux, GraphQL, WebSockets, Microservices
- **Databases:** MySQL, noSQL, PostgreSQL, MongoDB, Oracle, Redis
- **DevOps & Tools:** Git, Docker, Kubernetes, Jenkins, Selenium, Katalon, Prometheus, Grafana
- **Cloud & Infrastructure:** Azure DevOps, Microsoft Azure, AWS, CI/CD pipelines, Oracle, EC2, S3, Lambda, Firebase
- **Core Skills:** Machine Learning algorithms, Data Analysis, database optimization, web security, JWT, OAuth2, API Gateway
- **UI/UX Skills:** Responsive design, cross-browser compatibility, mobile-first design, Tailwind CSS, Next.js
- **Methodologies & Practices:** Agile/Scrum, SDLC, Test-driven Development, Jira, Version Control
- **Soft Skills:** Clear communication, critical thinking, teamwork, adaptability, and managing projects efficiently

Professional Experience

Full Stack Developer, Tata Consultancy Services

May 2022 – Aug 2023 *Hyderabad, India*

- Developed full-stack applications using **JavaScript**, **React.js**, creating **RESTful APIs** that reduced response times by **35%** and optimized user experience
- Built responsive web interfaces with **React.js**, HTML, and CSS, implementing mobile-first design that increased user engagement by **25%**
- Upgraded database performance using **MongoDB**, implementing efficient queries that decreased load times by **40%**
- Set up **CI/CD pipelines** with **Azure DevOps** and Git, automating testing with Selenium that enhanced deployment efficiency by **50%**
- Collaborated with cross-functional teams to migrate legacy systems to modern tech stack including **Node.js**, **Docker**, and **Microservices**, delivering projects **15%** ahead of schedule
- Implemented secure user authentication with **OAuth2**, **JWT**, and **API Gateway**, reducing unauthorized access attempts by **40%**
- Spearheaded bug triage and resolution efforts, reducing critical production issues by **30%** through early-stage code reviews
- Mentored 4 junior developers in Agile sprints, improving team velocity and code quality by **20%**

Front-End Developer, Tata Consultancy Services

May 2021 – May 2022 *Hyderabad, India*

- Built and deployed responsive UIs using **React.js**, HTML5, CSS3, and **Tailwind CSS**, increasing user interaction time by **20%**
- Collaborated with UX designers to implement pixel-perfect designs, improving visual consistency by **30%**
- Integrated **REST APIs** and GraphQL into front-end views, ensuring seamless data rendering and reducing UI loading times by **25%**
- Refactored legacy JavaScript components into modern **React** components using Redux and WebSockets, reducing maintenance overhead by **40%**
- Conducted cross-browser and device compatibility testing, improving accessibility support and lowering customer complaints by **18%**
- Worked closely with QA to resolve UI bugs during sprints, decreasing UI defects by **35%**
- Applied **React hooks**, functional components, and Next.js to enhance code modularity and reusability, accelerating feature delivery by **15%**

- Designed a restaurant reservation system using HTML5, CSS3, **Java, Spring Boot**, and **PostgreSQL**, increasing online bookings by **30%**
- Created a responsive interface with Bootstrap and jQuery, reducing bounce rates by **25%**
- Enhanced website performance by optimizing database queries, reducing page load times by **40%**
- Applied academic learning to practical solutions, improving software performance by **10%**
- Streamlined user interface by implementing responsive design principles across multiple devices
- Collaborated with the QA team to write integration tests, improving defect detection rate by **15%**
- Participated in daily standups and sprint planning, ensuring 100% task completion rate

Projects

E-Commerce Platform Development

- Developed a full-stack e-commerce platform using **Spring Boot, Angular, PostgreSQL**, and deployed on AWS EC2, achieving **99% uptime SLA**
- Integrated payment gateways via **RESTful APIs**, enabling secure transactions for over **10,000 users monthly**
- Designed dynamic product pages and user dashboards with Angular routing, improving navigation by **35%**
- Implemented admin panel features for product/inventory control, reducing manual data updates by **70%**

Personal Portfolio Website

- Designed and deployed a fully responsive portfolio using **React.js** and **Next.js**, hosted on GitHub Pages with custom domain, achieving **100% mobile compatibility**
- Integrated interactive project cards and animations using Framer Motion, increasing engagement by **40%**
- Embedded SEO-friendly meta tags and Open Graph links, improving visibility from LinkedIn and GitHub referrals

DevOps-Enabled Blog Platform

- Engineered a microservices-based blogging platform using **React.js, Node.js**, and **MongoDB**, containerized with **Docker** and orchestrated using **Kubernetes** on **AWS**
- Implemented CI/CD pipeline via **Jenkins** with GitHub triggers, achieving zero-downtime deployments and automated rollback on failure
- Integrated **JWT** and **OAuth2** for secure user authentication, reducing unauthorized access risk and improving session integrity
- Designed a modular architecture with separate microservices for content, user, and analytics, enhancing system scalability by **50%**
- Monitored system performance with Prometheus and Grafana dashboards, improving incident response times by **30%**

Achievements

- Secured **1st Prize** in Mini Project Presentation at Saveetha Engineering College for an embedded system using Arduino and IoT
- Recognized by project manager at TCS for delivering a high-priority feature module ahead of schedule

Certifications

- **Microsoft Certified:** Azure Fundamentals (AZ-900)
- **Microsoft Certified:** Azure Developer Associate (AZ-204)
- **Oracle Certified:** Fusion Cloud Applications HCM Foundations Associate
- **Oracle Certified:** Fusion Cloud Applications ERP Foundations Associate
- **Oracle Certified:** Fusion Cloud Applications CX Foundations Associate

Education

Masters in Computer Science, Florida Atlantic University, USA	Aug 2023 – May 2025
BE in Electronics and Communication, Saveetha Engineering College	Aug 2017 – Aug 2021