

Sai Deekshith Katukojwala

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OBJECTIVE: Full Stack Developer with 3+ years of experience in building scalable web applications using **React.js**, **Node.js**, and cloud technologies. Proficient in front-end and back-end development with a passion for creating efficient, secure, and user-friendly applications. Skilled in Agile methodologies and cross-functional team collaboration.

EDUCATION

Master of Science, Software Engineering San Jose State University, San Jose, California	Aug 2023 - May 2025 CGPA: 3.3 /4.0
• Relevant coursework:Enterprise App Development, Data Mining, Software Quality Assurance Testing	
Bachelor of Technology, Computer Science and Engineering Indian Institute of Technology Palakkad, Kerala, India	Jul 2017 - May 2021 CGPA: 3.8 / 4.0
• Relevant coursework: Deep Learning, Cyber Security, Artificial Intelligence, Data Structures and Algorithms	

SKILLS

- **Front-End:** JavaScript (ES6+), TypeScript, React.js, Angular, HTML5, CSS3, Redux, Responsive Design, UI/UX Design (Figma, Material-UI)
- **Back-End:** Node.js, Express.js, Python, Java, C#, RESTful APIs, GraphQL, MongoDB, PostgreSQL, MySQL
- **DevOps & Cloud:** AWS (EC2, S3, Lambda), Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions), Git, GitHub
- **Others:** Microservices, Serverless Computing, Agile (Scrum, Kanban), Testing (Jest, Mocha)

EXPERIENCE

Software Development Engineer , Jio Platforms Limited, Mumbai	Jul 2021 - June 2023
• Developed scalable applications using React.js and Node.js .	
• Designed and implemented RESTful APIs integrated with front-end interfaces.	
• Migrated monolithic apps to microservices architecture , enhancing scalability.	
• Deployed applications on AWS , utilizing EC2 , S3 , and Lambda .	
• Improved database efficiency by 40% through optimization.	
• Collaborated in Agile teams, leading sprints and code reviews.	

Software Development Engineer Intern , Math Works, Hyderabad	Jun 2020 - Jul 2020
• Built full-stack features using Angular and Node.js .	
• Enhanced security with OAuth 2.0 and OWASP best practices.	
• Streamlined development with Docker and set up CI/CD pipelines using Travis CI .	
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Software Development Engineer Intern , Timken Engineering and Research India Private Limited ,Bangalore, India	May 2019 - Jul 2019
• Developed web applications using C# and the MVC framework , improving code maintainability.	
• Architected a comprehensive web application, integrating multimedia resources.	
• Engineered intuitive web interfaces focusing on responsive design, enhancing usability by 50%.	

PROJECT EXPERIENCE

Ticket Booking Application: Box Office , San Jose State University	Sep 2023 - Dec 2023
• Led the development of a ticket booking application using React.js , TypeScript , and Tailwind CSS .	
• Translated Figma designs into responsive and accessible user interfaces.	
• Implemented real-time seat selection and booking features , improving user engagement by 25%.	
• Collaborated with a team using Agile practices and GitHub Project Boards , enhancing team collaboration by 30%.	

E-Commerce Web Application IIT Palakkad	Jun 2020 - May 2021
• Built a full-stack e-commerce platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).	
• Implemented reusable components following atomic design principles , improving code scalability.	
• Integrated AI algorithms for personalized product recommendations , increasing user retention by 30%.	

Inventory Management System , IIT Palakkad	Aug 2020 - Dec 2020
• Developed an inventory management system utilizing micro frontends architecture with React.js and TypeScript .	
• Implemented state management using Zustand , improving application efficiency.	
• Wrote unit tests with Jest and React Testing Library , increasing code reliability by 40% .	

CERTIFICATES

- Front-End Web Development with React – *Coursera*,
- TypeScript Fundamentals – *LinkedIn Learning*
- Web Accessibility – *Udemy*
- AWS Certified Solutions Architect – *Associate*
- JavaScript: Advanced Concepts – *Udemy*

ACHIEVEMENTS:

- Awarded **Performer of the Quarter** at Jio Platforms Limited (Sep - Dec 2022) for exceptional contributions to UI development and project leadership.
- Won the **Best Innovation Award** for the Hydrapulper project among 13 teams at IIT Palakkad, 2018.