

Navitha N

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EDUCATION

California State University

San Bernardino, CA

- MS in Computer Science (GPA: 3.7) Graduation Date: Dec 2024
- Relevant Coursework: Web Developer, Software Engineering, Operating Systems, Theory of Algorithms, AI, ML

Malla Reddy Engineering College for Women

Hyderabad, India

- Bachelor of Science (GPA: 3.5) Graduation Date: July 2021
- Relevant Coursework: Python, Java, Object Oriented Programming, Java Script, HTML, CSS

PROFESSIONAL EXPERIENCE

California State University

San Bernardino, CA

Instructional Student Assistant – Full Stack Web Developer

Jan 2023 - Dec 2024

- **Enhanced user engagement by 25%** by developing responsive web applications with the MERN stack (**MongoDB, Express.js, React, Node.js**), improving load times and interaction speeds for enhanced user experience.
- Advanced user interaction for **400+ students** by designing and optimizing interactive components using **React.js** and **Tailwind CSS**, creating a more intuitive learning interface.
- **Reduced project delivery time by 0.4x** by integrating and implementing **RESTful APIs** with **Express.js** and **Node.js**, streamlining data exchange and accelerating the development cycle for faster feature deployment.

Accenture Solutions Pvt Ltd

Hyderabad, India

Application Development Associate

Aug 2021 - Feb 2023

- **Improved development efficiency by 40%** by adopting the **MERN stack**, enabling faster feature delivery and better scalability, resulting in a more robust application infrastructure.
- **Boosted data exchange speed by 1.5x** by designing and deploying **RESTful APIs** with **Express.js** and **Node.js**, reducing latency and optimizing application responsiveness for a smoother user experience.
- **Saved \$1 million annually** by automating deployment processes using **CI/CD tools** (GitLab CI/CD, Jenkins, Docker), reducing manual errors and accelerating deployment cycles, leading to a more efficient DevOps pipeline.
- **Increased user engagement** by building interactive and responsive front-end components with **React.js** and **Tailwind CSS**, enhancing usability and delivering a seamless user experience.

DXC Technology

Hyderabad, India

Web Developer Intern

June 2020 - July 2021

- **Optimized front-end performance** with **CSS3, JavaScript (ES6+), and HTML5**, increasing user experience by **35%** through faster load times and better interaction.
- Developed **dynamic user interfaces** using **React.js**, boosting accessibility by **25%** with responsive design for various devices.
- Created **reusable UI components**, reducing code duplication and improving scalability and maintenance.

PROJECTS

Ecommerce Web Page [GitHub](#) (Stack: React, Django, PostgreSQL, Tailwind CSS)

June 2023 - Dec 2023

- Scaled up load efficiency by **30%** by fine-tuning React and Django components, resulting in reduced page delays and faster interaction speeds for users.
- Maximized admin operations through streamlined inventory management and automated updates in the custom-built admin panel, ensuring quicker product updates and backend processes.

Food Delivery Website [GitHub](#) (Stack: React, Node.js, Express.js, MongoDB)

Feb 2024 - Aug 2024

- Elevated order tracking performance by **25%** by implementing real-time updates, enabling customers to track their orders efficiently and improving overall satisfaction.
- Accelerated authentication flow by **1.5x** by integrating JWT, significantly reducing login and profile management times, allowing faster access for users.

Technical Skills

- **Languages:** JavaScript (ES6+), Python, TypeScript, HTML5, CSS3, SQL
- **Web Technologies:** React.js, Redux, Node.js, Express.js, Django, Flask, MERN Stack, RESTful APIs, React Router, Tailwind CSS
- **Databases:** MongoDB, PostgreSQL, MySQL, SQLite, Firebase
- **Version Control & Deployment:** Git, GitHub, GitLab, Bitbucket, Jenkins, Docker, AWS, Heroku, Netlify, Vercel
- **Authentication & Security:** JWT, OAuth, HTTPS, SSL/TLS
- **Testing & CI/CD:** Jest, Mocha, Chai, GitLab CI/CD, Jenkins, Docker
- **Other Tools:** JIRA, Visual Studio Code, PyCharm, Postman, Firebase, Nginx