

# Navitha Nelluri

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## Education

California State University, San Bernardino

MS in Computer Science

Jan 23 - Dec 24

GPA: 3.7/4.0

- Relevant Coursework: Web Development, Software Engineering, Operating Systems, AI, ML

Malla Reddy Engineering College for Women, Hyderabad

Bachelor of Science

July 17 - July 21

GPA: 8.1/10.0

- Relevant Coursework: Python, Java, Object-Oriented Programming, JavaScript, HTML, CSS

## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript, Python, Java, C, Go (Golang)

**Frontend:** HTML5, CSS3, React.js, Next.js, Angular, TypeScript

**Backend:** Node.js, Express.js, Java, RESTful APIs, Django, Python

**Databases:** MongoDB, MySQL, PostgreSQL, NoSQL

**DevOps:** Docker, Kubernetes, CI/CD pipelines

**Tools:** Git, Webpack, messaging platforms (Kafka), SEO

**UI:** Responsive Design, UI/UX Principles, Cross-Browser Compatibility, Accessibility

## Experience

California State University, San Bernardino

Instructional Student Assistant – Full Stack Web Developer

Jan 2023 - Dec 2024

- Built a student portal with **React.js** and **Django**, streamlining course material access for **500+** students.
- Implemented **OAuth 2.0** authentication, strengthening security and preventing unauthorized logins.
- Created **data visualization dashboards** with **Chart.js** and **PostgreSQL**, helping faculty track student progress.
- Migrated backend from **Flask** to **Django**, improving response time by **40%** and reducing maintenance.

Accenture Solutions Pvt Ltd

Application Development Associate

Aug 2021 - Feb 2023

- Redesigned frontend using **Next.js** and **Tailwind CSS**, cutting load times by **30%** and improving accessibility.
- Built a **microservices-based order management system**, enabling seamless multi-platform integration.
- Automated error tracking with **Sentry** and **Prometheus**, reducing debugging time by **35%**.
- Implemented **RBAC** in **Node.js**, improving security and compliance across internal applications.
- Led integration of a **cloud-based payment gateway**, boosting transaction success rates and enhancing payment security.

DXC Technology

Web Developer Intern

June 2020 - July 2021

- Developed a **landing page builder** with **React.js** and **Redux**, enabling no-code page creation.
- Built a **REST API caching system** using **Redis**, improving data retrieval speeds by **45%**.
- Integrated **Google Maps API** for real-time location tracking, optimizing delivery logistics.
- Refactored a monolithic backend into **microservices**, enabling seamless deployments and maintainability.

## Projects

Ecommerce Web Application [GitHub](#)

Stack: React.js, Django, PostgreSQL, Tailwind CSS

June 2023 - Dec 2023

- Developed a high-performance **eCommerce platform** with seamless UI, reducing page load time by **30%**.
- Engineered a **custom admin dashboard** for product management and order tracking, improving operational efficiency.
- Integrated **Django REST Framework (DRF)** and **PostgreSQL** for scalable and secure backend data processing.

Food Delivery Platform [GitHub](#)

Stack: React.js, Node.js, Express.js, MongoDB

Feb 2024 - Aug 2024

- Designed and built a **real-time order tracking** system using **WebSockets**, reducing delivery coordination time by **40%**.
- Implemented **JWT-based authentication** for secure user sessions, improving login security.
- Designed a responsive, **UI** with intuitive navigation and engaging visuals for a seamless ordering experience.

Youtube Clone React [GitHub](#)

(Stack: Node.js, API)

Sep 2024 - Nov 2024

- Built and configured a web application using **Node.js** and **modern frontend frameworks** for **seamless API**.
- Optimized workflows with **JavaScript-based tools**, reducing setup complexity and improving efficiency by **25%**.