

# DIVYA VIPPARLA

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## EDUCATION

**Pace University**, New York City, United States

Master of Science (MS) in Computer Science | **GPA: 3.94**

**May 2025**

**Panimalar Engineering College**, Chennai, India

Bachelor of Engineering (BE) in Electronics and Communication Engineering | **GPA: 3.55**

**Apr 2021**

## EXPERIENCE

**Full Stack Development Intern**, Relové, New York City, Remote

**Dec 2024 - Mar 2025**

- Collaborated with a team of 6 developers to **build a full-stack**, cross-platform mobile app using **React Native**, **Node.js**, **MongoDB**, and led the integration of Firebase Authentication enhancing login security and reducing authentication-related issues by **30%** through error handling optimization.
- **Developed an AI-powered outfit recommendation engine** using **Gemini AI** to analyse social media trends for personalized style suggestions from scraped trending fashion content using Python scripts.
- **Integrated local thrift store search functionality**, enabling users to discover and purchase similar clothing items from recommended outfits, supporting eco-friendly fashion.

**Custom Software Engineering Analyst**, Accenture, Bengaluru

**Jan 2023 - Aug 2023**

- **Maintained and optimized 12+ R&D applications** deployed across AWS, Azure, and Windows Server environments, ensuring 99.9% system uptime and high availability.
- **Developed interactive and responsive UI components** using JavaScript, improving user engagement and maintainability. Reduced UI bugs by 20% and enhanced front-end performance across multiple enterprise applications.
- **Automated server-side monitoring tasks** on Linux environments and managed end-to-end SSL certificate lifecycle to ensure secure and uninterrupted operations.

**Application Development Associate**, Accenture, Chennai

**Aug 2021 - Dec 2022**

- **Contributed to migrating a customer support portal** from .NET Framework to .NET Core, improving performance and codebase maintainability.
- **Developed the backend for a real-time "Contact Us" chat feature** using .NET Core, resulting in a 32% increase in customer satisfaction and faster support response times.
- Set up ELK Stack for app monitoring and **implemented CI/CD pipelines** via Concourse CI for faster deployments.

**Data Analyst**, Tavishi Tech, Hyderabad, Remote

**Jan 2020 - Jul 2021**

- **Analyzed and processed 50,000+ records** using Python (Pandas, NumPy) to identify key business trends.
- Improved data accuracy by **25%** through cleaning, transformation, and outlier handling techniques.
- Built 10+ visual dashboards with Matplotlib, enabling **faster decision-making** for stakeholders.
- Automated repetitive data preprocessing tasks, reducing analysis time by **30%** and improving workflow efficiency.

## PROJECTS

- **Travel Buddy**: Developed a **MERN stack** app enabling users to **host or join trips by browsing posts**, chat with co-travellers, and receive **AI-powered** trip recommendations and itineraries using Claude AI.
- **Donatelt**: Built a **cross-platform React Native** app using **Node.js with Express** and **MongoDB** backend, enabling users to list donations, schedule pickups, and **find nearby donation boxes/events** via Google Maps.
- **Election Automation Analysis**: Conducted **large-scale data analysis** of electoral data using **Python, Pandas**, and **NumPy**, and created visualizations of voter turnout and candidate trends with Matplotlib.

## SKILLS

**Languages**: JavaScript, Python, C#, SQL, Java; **Frontend**: React.js, React Native, HTML/CSS; **Backend**: Node.js, Express, RESTful APIs, .NET Core, .NET Framework; **Cloud & DevOps**: AWS (EC2), Firebase, Concourse CI, Git; **Databases**: MongoDB, Cloud Firestore, Oracle, MySQL, DynamoDB; **AI/ML Tools**: Claude AI, Pandas, NumPy, Matplotlib.

## CERTIFICATIONS

Power Platform Fundamentals (Microsoft), Azure Fundamentals (Microsoft), Security, Compliance, and Identity Fundamentals (Microsoft), Python Basics (Coursera)