

Devarshi Patel

Washington, D.C | devarship072@gmail.com | (571) 375-9469 | [LinkedIn](#) | [Portfolio](#)

EDUCATION

The George Washington University, School of Engineering & Applied Science

Washington, DC

Master of Science in Computer Science, GPA: - 3.79

May 2025

Relevant Coursework: - Software Development, Object-Oriented Design, Agile Development, Cloud Computing, DSA, Networking Concepts, OS Fundamentals.

TECHNICAL SKILLS

- **Programming:** C, C++, Python, Java, JavaScript.
- **Framework:** HTML5, CSS3, Node.js, React.js, Angular.js, Spring Boot.
- **Cloud & DevOps:** AWS (Lambda, S3, DynamoDB, EC2), Google Cloud, Kubernetes, CI/CD.
- **Software Development:** Object-Oriented Design, Agile Development, CI/CD, Git.

RELEVANT WORK EXPERIENCE

Inside FPV Ltd

Surat, India

Software Developer

September 2022 - June 2023

- Constructed scalable web application using React Native (TypeScript) to enhance efficiency and maintainability.
- Designed and implemented serverless microservices with AWS Lambda (Python) to ensure high availability and fault tolerance.
- Built robust backend systems with Node.js, integrating third-party APIs (Stripe, AWS Cognito, Firebase) to bolster security and enable seamless integration.
- Maintained Object Oriented and multi-tier web-based application, utilized design patterns entailing Model View Controller Architecture, upgrading interfaces and resolving technical problems with 98% code efficiency.
- Collaborated with cross-functional teams to resolve technical issues through code reviews, unit testing, and troubleshooting, ensuring minimal business disruption.

Technocolabs Inc

Bangalore, India

Data Analyst Intern

June 2022 - August 2022

- Devised and optimized machine learning models using Python, reducing computation time by 20%.
- Processed large-scale data sets in distributed environments and collaborated with teams to support data-driven decision-making.

Skilled Inc

Remote

Web Development Intern

September 2021 - January 2022

- Created a full-stack job search platform using React.js, Flutter, and Node.js, focusing on responsive front-end design and performance optimization.
- Integrated RESTful services to improve application reliability and data flow.

TECHNICAL PROJECTS

InventSync | *Next.js, Node.js, Express.js, AWS EC2, AWS S3, API Gateway*

- Developed and deployed, a full-stack inventory management dashboard using Next.js, Tailwind CSS, and Material UI Data Grid, enabling real-time tracking, analytics, and control of product inventories.
- Integrated Redux Toolkit and RTK Query for efficient state management and API interaction, optimizing client-side performance and ensuring consistent data synchronization across components.
- Built a scalable backend using Node.js and Prisma ORM and deployed on AWS with services including EC2 (backend hosting), RDS (PostgreSQL DB), S3, API Gateway, and Amplify, along with AWS cost and networking optimization.

QuickMart Ecommerce | *React, Node.js, Express.js, MongoDB*

- Developed a full-featured e-commerce platform inspired by Blinkit using the MERN stack, with robust features like product and category management, admin panel, secure JWT-based authentication with access/refresh tokens, OTP-based email verification, and password recovery functionality.

Budgetwise | *Dart, Python, C++*

- Developed and designed "Budgetwise," a full-stack money management app enabling users to allocate income across customizable categories (Needs, Expenses, Savings) with features like autopay, direct pay, and automated investment planning.
- Implemented advanced financial tools, including emergency fund and car purchase planners with automatic monthly deductions, user authentication, and theme toggling for a secure and personalized user experience.

Uber Clone | *Expo, React Native, Typescript, Firebase Auth, Google Maps SDK, Stripe SDK*

- Built a cross-platform mobile app (Uber Clone) using React Native, featuring real-time location tracking with Google Maps, live ride selection, and dynamic route plotting via Google Places Autocomplete for seamless ride discovery and booking.
- Implemented secure authentication and authorization, Google OAuth, and Stripe-powered in-app payments.