

Divya Patel

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Education

Post-Graduation in Artificial Intelligence - Architecture, Design, and Implementation Jan 2024 - Aug 2024
Georgian College, Canada GPA – 8.6/10
Coursework - Mathematics & Algorithms, Machine Learning Frameworks, Apache Kafka, Neural Networks, Reinforcement Learning Programming, AI Robotics & Automation, PyTorch, TensorFlow

Post-Graduation in Mobile Application Development Jan 2023 - Aug 2023
Georgian College, Canada GPA – 8.7/10
Coursework - Mobile Data Management, iOS Development, Android Development, Cross-platform Development, Mobile Game Design, Mobile APIs and Frameworks, Mobile Web Applications

Bachelor of Engineering - Computer Engineering Aug 2017 - Aug 2021
Gujarat Technological University, India GPA – 8.7/10
Coursework - Advanced Programming Concepts, Data Structures and Algorithms, DBMS, Software Engineering Principles, Computer Networks, Web Development

Technical Skills

- **Languages:** HTML, CSS, PHP, JavaScript, TypeScript, Python, Java
- **Frameworks:** Node.js, React.js, React Native, Next.js, Express.js
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Cloud Platforms:** AWS (EC2, S3, RDS, DynamoDB), Azure, GCP, Docker, Kubernetes
- **Developer Tools:** Jenkins, Jira, Git, GitLab CI/CD, Agile, Scrum

Experience

Software Developer | Cyberstrek Technologies Aug 2021 – Nov 2022

- Selected as lead developer for end-to-end website creation using PHP, WordPress, and Shopify; completed projects 20% ahead of schedule, boosting client retention by 15%.
- Owned the entire development lifecycle, from gathering client requirements and crafting tailored solutions to deploying, monitoring, and debugging websites.
- Delivered ongoing support for 20 websites, ensuring 95% client satisfaction through rapid issue resolution and regular updates, leading to a 30% increase in client retention over 12 months.

Software Developer | Euroteck India - Internship Jan 2021 - Jul 2021

- Engineered an advanced ERP system for Euroteck India leveraging MySQL and Flask; improved resource allocation accuracy by 35% and decreased inventory discrepancies by 20%, optimizing overall workflow.
- Successfully transitioned paper-based workflows into the ERP within 6 months, significantly improving efficiency.
- Executed continuous improvement processes by regularly updating based on comprehensive bug analytics and client feedback, resulting in a 70% reduction in client-reported issues.

Projects

Music Recommendation System Feb 2024 – Apr 2024

- Built a music recommendation system using Python and TensorFlow, handling a database of 120,000+ songs with recommendations generated in just 300ms.
- Implemented content-based filtering and cosine similarity algorithms to deliver precise song recommendations customized to user preferences and song features.

Georgian College Auto Show May 2023 – Aug 2023

- Led the development of an advanced mobile app for Georgian College's auto shows using React Native, Firebase, and Google Maps API, featuring dynamic ticketing, interactive location viewing, and real-time event notifications.
- Maintained proactive client communication throughout the project to ensure alignment and successful deployment.

PHP JSON Database Library May 2021 – Aug 2021

- Developed a PHP library enabling database-like operations on JSON files, including pagination, filtering, and search functionality, reducing development time by 40%.
- Optimized for small projects, bypassing the need for full-scale database setups to streamline setup and maintenance, achieving a 30% faster development cycle.

Award, Scholarship and Honors

- Consistently achieved Dean's List recognition throughout the Post Graduate Certificate program.