

Dhruvi Kunvarani

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SUMMARY

- Full Stack Developer with 3+ years of experience in building scalable web and mobile applications using ReactJS, NodeJS, and NestJS. Skilled in Full Stack development, API integration, CI/CD pipelines, and cloud technologies like AWS and Redis. Experienced in Agile environments and passionate about improving user experiences through innovative solutions.

PROFESSIONAL EXPERIENCE

Software Development Engineer

Dec 2021 - Present

SocialPilot Solutions LLP, Lewes, Delaware, United States

Technology: ReactJS, NodeJS, ExpressJS, MongoDB, AWS, GIT, JIRA, CI/CD Pipelines

- Spearheaded the development of innovative web and mobile solutions, implementing targeted UI/UX enhancements with ReactJS and React Native.
- Developed and maintained **RESTful APIs with Node.js and MongoDB**, ensuring robust backend services and seamless data exchange.
- Managed **Git** version control and led code reviews to maintain high-quality standards.
- Key player in the migration to React 18, driving the adoption of new features and optimizations that enhanced application performance and scalability.
- Led initiatives for bug resolution and code refactoring, improving application stability and facilitating the timely delivery of high-impact projects.
- Collaborated with the backend team to design and implement efficient database schemas in MongoDB and integrate third-party APIs.
- Played a crucial role in setting up and managing **CI/CD pipelines on AWS**, ensuring smooth and automated deployments.

Software Developer

Sept 2024 - Dec 2024

Semper8 International Ltd, Toronto, ON, Canada

Technology: NestJS, React Native, Redis, AWS, GIT, CI/CD Pipelines, PayPal API

- Developed and maintained scalable backend services using NestJS, Redis, and AWS to optimize performance and improve system reliability.
- Integrated PayPal for seamless payment processing, enhancing user experience and streamlining transaction workflows.
- Set up and managed CI/CD pipelines for automated deployment, ensuring smooth and efficient release cycles.
- Collaborated with cross-functional teams to build and maintain APIs, improving backend functionality and supporting mobile applications built on React Native.
- Optimized database queries and caching strategies using **Redis**, resulting in a 30% improvement in response times and overall application performance.
- Conducted code reviews and implemented best practices for clean, maintainable code, contributing to improved team productivity and code quality.

Website Developer

Sept 2024 - Dec 2024

University of Windsor, Windsor, ON, Canada

Technology: Wordpress, PHP, MySQL

- Collaborated with Professor Catherine's research lab to design and develop a custom website, tailored to specific academic needs.
- Led requirement gathering efforts, translating research objectives into a functional and user-friendly web platform.
- Utilized **WordPress, PHP, and MySQL** for custom development, enabling dynamic content management and seamless database integration.
- Implemented responsive design principles to enhance accessibility and ensure a consistent user experience across all devices.
- Worked closely with the research team to ensure the website accurately represents the lab's mission and research outputs.

TECHNICAL SKILLS

- **Programming Languages & Libraries:** JavaScript ES6, TypeScript, Java, C/C++, Python, jQuery, Selenium
- **Database Systems & Management:** MongoDB, PostgreSQL, MySQL
- **Frameworks:** ReactJS, Maven, NextJS, NodeJS, ExpressJS, Redux, Koa, React Native, Django, Flask
- **Cloud Computing:** GCP (Google Cloud Platform), AWS (Amazon Web Services), Azure
- **Operating Systems:** Linux, macOS, UNIX, Windows
- **Version Control Systems:** Git, GitHub, GitLab, Bitbucket
- **Additional Expertise:** RESTful API Integration, Data Structures and Algorithms, JIRA, Docker, Kubernetes, Object-oriented Programming, Third-party APIs, Bash

EDUCATION

Master of Applied Computing (CO-OP) University of Windsor, Windsor, ON	Sep 2023 - Dec 2024
Bachelor of Technology in Computer Engineering Gujarat Technological University, Anand, Gujarat, India	Jun 2018 - Jun 2022

PROJECTS

Cozy Rental University of Windsor, Windsor, ON	Sep 2023
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- Technology: Java (Spring Boot + Selenium), ReactJS, MongoDB**
- Developed and implemented solutions for a comprehensive real estate project, seamlessly integrating various technologies to improve user experience
 - Presented a **web scraping tool at 9th Annual Computer Science Demo Day**, University of Windsor, facilitating **real-time data updates using Selenium**
 - Engineered backend systems with Java and Java Spring, providing a robust API for seamless communication between user interface and database
 - Conducted data scraping with Selenium for dynamic extraction of real estate data from various platforms based on city names

CareerForge Hub University Of Windsor, Windsor, ON	Jan 2024
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- Technologies: Python, Flask, ReactJS, NextJS, MongoDB, Machine Learning**
- Led the development of "CareerForge Hub," a career guidance platform tailored for IT students, utilizing NextJS and ReactJS for frontend development to ensure a seamless and interactive user experience.
 - Implemented Python Flask for backend operations and integrated Machine Learning algorithms to accurately match students' skills and educational backgrounds with potential career paths, utilizing a 10 GB dataset of job roles and descriptions.

LEADERSHIP EXPERIENCE

Head of Documentation Team BVM Student Council, Anand, Gujarat, India	Jun 2021 - May 2022
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- Handled and Coordinated various events, seminars and workshops organized by BVM
- Headed Documentation Team in Computer Symposium organized by IEEE BVM Student Branch and CSI BVM Student Branch

CERTIFICATES & TECHNICAL TRAINING

Certified Cloud Practitioner, AWS	Apr 2024
Introduction to Spark SQL and DataFrames, LinkedIn Learning	Feb 2024
Learning Hadoop, LinkedIn Learning	Feb 2024
Microservices: Design Patterns, LinkedIn Learning	Dec 2023
Web Security: OAuth and OpenID Connect, LinkedIn Learning	Dec 2023
JavaScript Algorithms and Data Structures, Udemy	Aug 2021
Neural Networks and Deep Learning, Coursera	Jun 2020
Architecting with Google Compute Engine, Coursera	Apr 2020
Object-Oriented Programming in C++, NPTEL	Oct 2019