NIRAVKUMAR PARMAR

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✉ niravparmarcs@gmail.com 📍 Toronto, ON. (Open to relocate)

Software Engineer with 5 years of experience in various industries focused on full stack development, and machine learning. I love designing and building highly available and scalable web applications and machine learning models, and dealing with their inherent challenges. My expertise spans JavaScript, Python, Node.js, React.js, AWS, and more. Recently concluded intensive studies in Artificial Intelligence and Blockchain, bringing a blend of hands-on experience and academic insights.

🧠 SKILLS

Programming Languages : JavaScript, C++, Python, Solidity, TypeScript
Web Technologies : Node.js, React.js, Flask, HTML5, CSS3, Redux, jQuery, Express.js, MaterialUI, Next.js
Database : MySQL, MongoDB, GraphQL, NoSQL, Apache Kafka
AI : Pandas, TensorFlow, Matplotlib, NumPy, Scikit-learn, TensorBoard
Others : Git, Docker, Kubernetes, AWS, GCP

💼 PROFESSIONAL EXPERIENCE

Full Stack Developer, *Kavida.ai* 🔗   07-2021 – 12-2021 │ London, UK
- Optimized backend response times by 25%, achieved 99.9% uptime through microservices architecture (Flask, Lambda, MongoDB).
- Integrated Keycloak and RESTful APIs, reducing user authentication time by 30% and improving system efficiency.
- Spearheaded a cost-saving initiative resulting in a 70% reduction in server costs by using AWS Lambda, S3, RDS, CodePipeline, and SageMaker
- Provided comprehensive end-to-end software engineering support, ensuring the seamless build and deployment of Kavida.ai's platform, contributing to its overall success and reliability.

Backend R&D Engineer, *Thermelgy* 🔗   05-2021 – 11-2021 │ Chennai, India
- Enhanced client satisfaction by 15% through Firebase-based mobile notifications for real-time updates.
- Improved big data processes with Kafka, increasing efficiency by 50% in scraping, storage, and retrieval.
- Played a key role in contributing to all stages of the development life cycle, resulting in a 10% reduction in time-to-market for new features and improvements.

Project Associate, *ICSR,IIT Madras* 🔗   08-2020 – 02-2021 │ Chennai, India
- Enhanced data gathering and storage efficiency by implementing MongoDB, resulting in a 30% reduction in data retrieval times.
- Implemented cron jobs for data backup and report generation, reducing manual workload by 80% and ensuring timely and accurate data availability.
- Achieved 15% monthly performance enhancement in AI platform for energy audits with continuous data integration.

Full Stack Developer, *Bot2Do Technologies* 🔗   12-2018 – 08-2020 │ Chennai, India
- Improved code quality and structure in enterprise web applications, resulting in a 60% increase in overall cross-browser application stability.
- Reduced system errors by 17%, enhanced overall stability, and validated 95% of user inputs, ensuring heightened data integrity and security.
- Led end-to-end development of $5 million enterprise projects, achieving 95% adherence to quality standards, on-time delivery, and high client satisfaction.

🎓 EDUCATION

Blockchain Development Program (Graduate Certificate),   2022 – 2023 │ Dean's List 2023
George Brown College, Toronto, Canada 🔗

Artificial Intelligence Analysis, Design and Implementation (Graduate Certificate), *Durham College, Oshawa, Canada* 🔗   2022 – 2022 │ Deans's List 2022

Bachelor's in Computer Engineering,   2015 – 2019 │ First Class with Honours
Gujarat Technological University, Ahmedabad, India 🔗

📁 PROJECTS

Bifold Wallet (Blockchain Project)   2023
Developed a digital wallet utilizing Hyperledger-Aries and Indy, enabling self-sovereign identity management and providing users with secure and decentralized control over their personal information.
- **Technologies**: Hyperledger Indy, Aca-py, React Native

StackByte Web Portal 🔗   2020
Developed and managed a web platform that connects students with industry experts for personalized mentorship and career guidance.

- **Technologies:** Node.js, React.js, MySQL, Github, Docker

Cargo Sailor Web Application   2019
  Designed a web platform for customers to compare courier prices from multiple third-party courier services such as FedEx, DHL, UPS, and country-specific post for a specified destination.
  - **Technologies:** React.js, Node.js, Firebase, AWS EC2.

🏅 AWARDS

Winner, *Project Fair 2019 at NSIT, Ahmedabad*   2019

Winner, *Paper Presentation at Avishkar*   2018

Winner, *StartUp India Yatra*   2017