NIRAV PARMAR

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👤 SUMMARY

Experienced software engineer with 2 years of expertise in web service development. Proficient with JavaScript, C++, Python and modern web development technologies such as React, Node, Solidity, Kubernetes, etc, with extensive skill in end-to-end design, agile methodology and test-driven development, while collaborating effectively with cross-functional teams.

🧠 SKILLS

JavaScript | C++ | Python | HTML5 | CSS3 | Solidity | TypeScript | Node.js | React.js | Redux | jQuery | Express.js | Next.js | Flask | MySQL | MongoDB | Firebase | NoSQL | Apache Kafka | Docker | Kubernetes | AWS (EC2, Elastic Beanstalk, Lambda, RDS, Aurora, EKS, Route53, S3, CodePipeline, API Gateway, VPC)

🎓 EDUCATION

Blockchain Development Program (Graduate Certificate),   09/2022 – present | GPA: 3.58/4.0
George Brown College, Toronto, Canada ⊘
Relevant Courses: Practical Blockchain | Smart Contract Development Essentials | Full Stack Blockchain Integration | Business and Software Design Patterns | Advanced Blockchain Topics | Enterprise Blockchain Development

Artificial Intelligence Analysis, Design and Implementation (Graduate   01/2022 – 08/2022 | GPA : 4.35/5.0
Certificate), *Durham College, Oshawa, Canada* ⊘
Relevant Courses: Supervised, unsupervised and reinforcement machine learning Algorithms | Visualisation and Data Storytelling | Introduction of Neural Networks and Deep Learning models | Applied Mathematics for AI Systems | Linear Algebra, Statistical and Probability

Bachelor's in Computer Science & Engineering,   08/2015 – 06/2019 | GPA: 8.08/10.00
Gujarat Technological University, India ⊘
Relevant Courses: Data Mining and Business Intelligence | Advance Data Structures | Software Engineering | System Programming | Vector Calculus & Linear Algebra | Web Application Development

💼 PROFESSIONAL EXPERIENCE

Full Stack Developer, *Kavida.ai* ⊘   07/2021 – 12/2021 | London, UK
Skills: Flask, MongoDB, React.js, Node.js, AWS, Hotjar, Figma.
- Developed a responsive front-end app using **React.js, Material UI, and OAuth authentication** for data security, with thorough testing for seamless functionality in a dynamic environment.
- Built a scalable backend for Kavida.ai with **Node.js, Flask, MongoDB, and microservices architecture**, implementing strong data security measures.
- Reduced server costs by 90% using AWS Lambda, API Gateway S3, CodePipeline, Kubernetes, and Docker containers.
- Improved big data scraping and storage efficiency by 300% using Kafka, **implementing data security measures** with test cases and methods.
- Provided **end-to-end software engineering support** for Kavida.ai, ensuring successful platform deployment across the internet.

Backend R&D Engineer, *Thermelgy* ⊘   05/2021 – 11/2021 | Chennai, India
Skills: Python, Node.js, AWS, GCP, React.js.
- Built the backend using Node.js (Express.js) and Python (Flask), with Docker, cron jobs for data backup and **report generation, and adherence to REST protocols for data transfe**r.
- Utilized MySQL and MongoDB for data storage, Kafka for continuous data collection from IOT devices, and robust security protocols for data privacy.
- Directed all-round development and coding of client-side logic, utilizing Hooks for efficient development.
- Contributed to **all stages of the development life cycle**, including daily client and team communication, collaboration with architects, code quality maintenance, and continuous product improvement through client and team feedback.

Project Associate, *ICSR,IIT Madras* ⊘   08/2020 – 02/2021 | Chennai, India
Skills: Python, NodeJS, ReactJS, AWS, GCP.
- Develop a **user-friendly machine learning and AI platform** for energy audits with dashboarding capabilities, TCP protocols, and efficient data storage.
- Automate the energy audit process with accurate AI-based prediction mechanisms and **continuously monitor and improve the platform's performance**.
- Collaborate with cross-functional teams to ensure seamless integration of the platform into the energy audit ecosystem, while meeting the needs of energy auditors and providing proper documentation.

Full Stack Developer, *Bot2Do Technologies* ⊘   12/2018 – 08/2020 | Chennai, India
Skills: NodeJS, ReactJS, MySQL, HTML, CSS, JS, jQuery, JSON, AJAX, AWS.
- Programmed Web applications using React and Node.js, **improving design and code structure, and ensuring strict adherence to quality standards**.

- Designed and implemented **high-performance applications using systemic problem-solving approaches**, while utilizing Azure for cloud-based services and HTTP protocols.
- Conducted research and analysis to **develop complex solutions and validated user input before backend submission**, following agile development methodologies such as sprints.

📁 PROJECTS

Cargo Sailor Web Application
Designed CargoSailor, 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, MongoDB, AWS EC2, Kubernetes

Bifold Wallet
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 🔗
As Tech Lead at Stackbyte, developed and managed a web platform that connects students with industry experts for personalized mentorship and career guidance. Contributed to bridging the gap between academia and industry by delivering expert guidance tailored to each student's needs and aspirations.
- **Technologies:** Node.js, React.js, Github, React Native, Docker

🎖 AWARDS

Finalist, *StartUp India Yatra-2017*

Winner, *Paper Presentation at Avishkar 2018*

Winner, *Project Fair 2019 at NSIT, Ahmedabad*