Prakash Sundaramoorthy

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CAREER OBJECTIVE

A highly motivated Software Developer with a strong foundation in full-stack development, seeking to leverage technical expertise in designing scalable, efficient, and high-performing applications. Committed to delivering innovative solution

WORK EXPERIENCE

Full Stack Development Intern • Internship   Jul 2024 - Aug 2024
Strydo Technologies, Vellore

Built responsive and scalable web applications using MERN stack (MongoDB, Express.js, React, Node.js). Led API development and database design to ensure seamless backend functionality. Drove front-end optimizations, enhancing UI/UX with TailwindCSS and modern frameworks. Learnt best practices in deployment, security, and performance tuning for production-ready applications.

Machine Learning Intern • Internship   Jul 2022
Kaashiv Infotech, Chennai

Built and optimized machine learning models for predictive analytics and classification tasks. Led data preprocessing, feature engineering, and model evaluation to improve accuracy. Drove end-to-end model deployment using cloud services or edge computing frameworks. Learnt and implemented state-of-the-art ML techniques to enhance project outcomes.

EDUCATION

Bachelor of Engineering (B.E), Computer Science & Engineering   2021 - 2025
Arunai Engineering College, T.V. Malai

TRAININGS / CERTIFICATIONS

Devops
Sep 2024 - Nov 2024

infosys, Virtual

Completed an in-depth DevOps course by Infosys, covering CI/CD pipelines, containerization (Docker, Kubernetes), infrastructure as code (Terraform), automation (Ansible), and cloud deployment strategies.

Web Application Development
Feb 2024 - Apr 2024

Naan Mudhalvan, Virtual

Developed web applications using Django, focusing on building robust back-end systems. Gained expertise in using Django's MVC architecture, working with databases, creating REST APIs, and handling user authentication and authorization.

Network Essential
Feb 2023 - May 2023

CISCO, Virtual

Cisco's Network Essentials course covers foundational networking concepts, including IP addressing, routing, and switching. Equips learners with skills to configure, manage, and troubleshoot basic network infrastructures.

Numpy Essential For Data Science Workshop
Sep 2022

CAPSULE, Tiruvannamalai

Participated in a NumPy Essentials workshop by Capsule Labs, gaining in-depth knowledge of array manipulation, mathematical operations, and data handling. Enhanced skills in numerical computing for data science and machine learning applications.

PROJECTS

Blockchain based e-voting system ↗
Jan 2025 - May 2025

Developed a secure and transparent E-Voting System using Blockchain (Ethereum, Solidity) and Web3.js. Implemented tamper-proof smart contracts, decentralized vote storage, and a React-based user interface, ensuring immutability, voter anonymity, and verifiable election results.

"Social-x" Blockchain based decentralised application ↗
Oct 2024 - Nov 2024

Developed a secure and transparent Decentralized Application (DApp) using Ethereum, Solidity, and Web3.js. Implemented smart contracts for trustless transactions, a React-based user interface, and IPFS for decentralized storage, ensuring immutability and security in data management.

Command centre application (Full stack)

Jul 2024 - Aug 2024

Developed a real-time Command Center Application for monitoring and managing agricultural operations using Edge Computing. Built a scalable MERN stack platform with MQTT-based data streaming, Edge AI for anomaly detection, instant alerts, and offline functionality with cloud sync to ensure seamless farm management.

Bus reservation system ↗

Jan 2024 - Apr 2024

Designed and developed a Bus Reservation System using the MERN stack, enabling users to search, book, and manage bus tickets efficiently. Implemented real-time seat availability, secure payment integration, and an admin dashboard for scheduling and fleet management.

SKILLS

- HTML
- Flutter
- JavaScript
- React
- CSS

EXTRA CURRICULAR ACTIVITIES

- Conducted and led the organization of my college's department symposium, overseeing event planning and execution. Spearheaded the Sponsorship Committee, securing key partnerships and funding to support the event's success.