VINOD VARDARAM

+91 8310143883 | kalki.the.dev@gmail.com | linkedin.com/in/kalkikal | github.com/VINODvoid | portfolio

SUMMARY

Computer Science B.Tech graduate with 3 years of Arch Linux expertise, hands-on experience in machine learning (SVM, Random Forest), and full-stack development (React.js, Node.js, Next.js). Built scalable, AI-integrated web applications on Linux environments and contributed to data-driven solutions in internships. Proficient in Python, TypeScript, and cloud platforms, passionate about solving large-scale challenges at Google.

EDUCATION

Bachelor of Technology in Computer Science and Engineering　　　　　　　2021 – 2025
Brindavan College of Engineering, Bangalore, Karnataka　　　　　　　　　　*CGPA: 8.1/10*
- Relevant Coursework: Operating Systems, Distributed Systems, Computer Networks, Machine Learning, Data Structures & Algorithms

EXPERIENCE

Machine Learning Intern　　　　　　　　　　　　　　November 2023 – December 2023
Interve Tech　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*
- Developed and deployed machine learning models (SVM, Random Forest) using Python, scikit-learn, and pandas on Arch Linux systems, improving prediction accuracy by 15%.
- Preprocessed datasets and optimized feature selection in Linux environments, enhancing model performance for large-scale data retrieval.
- Collaborated with data science team to integrate models with REST APIs over TCP/IP, streamlining information retrieval.
- Utilized TensorFlow for model experimentation and presented actionable insights to stakeholders, driving project decisions.

Software Development Intern　　　　　　　　　　　　　December 2024 – July 2025
Pentagon Space　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Bangalore*
- Developed responsive user interfaces with React.js and TypeScript, improving user engagement by 20%.
- Built scalable REST APIs using Node.js and Express.js, deployed on AWS EC2 (Arch Linux), reducing response time by 30%.
- Integrated front-end and back-end components in an Agile environment, optimizing PostgreSQL queries for scalability.
- Configured development and deployment environments on Arch Linux, ensuring robust distributed system architecture.

PROJECTS

Promtify | *React.js, TypeScript, Anthropic API, ShadCN*　　　　　　　　　　　Link
- Developed a scalable coding platform integrating LLMs via Anthropic API, enabling customizable NLP-driven interactions.
- Designed prompt management tools for efficient AI workflows, reducing setup time by 25%.
- Enabled GitHub repository cloning and file imports on Arch Linux-based servers, streamlining project setup.
- Deployed on Vercel with distributed cloud architecture, supporting large-scale user access.

Sealled | *TypeScript, Next.js, MongoDB, Node.js*　　　　　　　　　　　　　　Link
- Built a secure web application for encrypted credential storage using password-based encryption.
- Developed RESTful APIs with Node.js and Express.js over TCP/IP, integrated with MongoDB for efficient data retrieval.
- Deployed on AWS EC2 (Arch Linux) with distributed architecture, ensuring scalability and security.
- Created a responsive React-based UI, improving accessibility across devices.

StudyMate LMS | *Next.js, Redux, Prisma, PostgreSQL*　　　　　　　　　　　　Link
- Developed a full-stack Learning Management System with Next.js and TypeScript, supporting 1000+ users.
- Implemented authentication and optimized Prisma/PostgreSQL queries, reducing latency by 40%.
- Configured development environment on Arch Linux, modularizing code for maintainability and scalability in a distributed system.
- Deployed on Vercel with a distributed cloud architecture for high availability.

Technical Skills

Programming Languages: Python, C, C++, JavaScript, TypeScript, Java, SQL
Web Technologies: React.js, Next.js, Node.js, Express.js, TailwindCSS, REST APIs
Machine Learning & AI: scikit-learn, TensorFlow, pandas, NLP (Anthropic API), SVM, Random Forest
Systems & Tools: Arch Linux, Unix/Linux, Git, AWS (EC2, S3), Google Cloud, Docker, Kubernetes, Vercel
Databases: MongoDB, PostgreSQL, MySQL, Prisma ORM
Networking: TCP/IP (API development, cloud deployments)
Design & Prototyping: Figma, Adobe Illustrator

Achievements & Certifications

- Won 2 Inter College Quiz competition
- Competitor at Solana Summit 2025
- Completed Coursera's "Machine Learning by Stanford University"
- Completed 100xDevs's "Web Development & Web3"