NIKISH KUMAR S V

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PROFESSIONAL EXPERIENCE

Fleeter   Chennai, Tamil Nadu
Lead Software Engineer   Aug 2024 – Present
- Spearheaded the end-to-end system development and implementation of a full-stack B2B managed marketplace for heavy equipment used in construction and mining, overseeing ideation, architecture, and production readiness.
- **Architected** and implemented Fleeter's full-stack ecosystem, including detailed testing strategies and implementation plans, a React.js web application with Tailwind CSS and Redux, API services built with Node.js, Knex ORM. Managed AWS infrastructure **(EC2, RDS, ECS, EKS)** and **Jenkins CI/CD** pipelines.
- Defined **product vision**, brand strategy, and customer journey; integrating PostHog data to identify key metrics and drive data-informed decisions.
- Led a team of five interns, emphasizing clean code, version control, and modern web practices to maintain high technical standards.

Texas Instruments India   Bengaluru, Karnataka
Application Developer   Feb 2021 – Aug 2024
- Delivered a simulation platform for back-testing replenishment algorithms using machine learning and deep learning against 100+ market scenarios, **directly impacting revenue and data-driven decisions**.
- This involved robust **Agile and Software Engineering practices**, utilizing Java, Spring Boot, Oracle DB, Docker, Jenkin.
- Defined product requirements analysis collaborating with stakeholders, Led and mentored 2 freshers engineered key features like Access controls, file uploads, data extraction for market scenarios and executing remote procedural calls.
- Developed **Order Management solutions**, streamlining supply chain visibility, automating analytics, and **reducing operational overhead** saving 1000+ man hours; utilized Python, React.js, Oracle DB, Gradle, Jenkins, Docker.
- Spearheaded an automated application scanning portal that minimized errors and saved 300 man-hours annually by enhancing security compliance through the implementation of Python, Flask, MongoDB, and JavaScript.

Dappunk   Dubai, Remote
AI Engineer   Apr 2023 – May 2024
- **Punkster Imagen:** Formulated and developed a custom text-to-image generator using stable diffusion V5 (fine-tuned with LORA), upscaling images using ESRGAN and deploying on AWS, leveraging Python and PyTorch for model development and deployment.
- **Punkster chat**: Architected and implemented **RAG** implementation on top of OpenAI GPT for **help chat** of Dappunk app using Langchain, Hugginface, OpenAI API, Supabase.

Phoreuia   Kochi, Remote
AI Researcher   Oct 2020 – Jul 2021
- Developed computer vision solutions to prevent the spread of contagious diseases using Artificial Intelligence. Built mask and people density tracker models using keras and tensorflow2.0, and deployed it in amazon sagemaker.

EDUCATION

Amrita Vishwa Vidyapeetham   Coimbatore, Tamil Nadu
Bachelor of Technology - Computer Science   Jun 2017 – Jul 2021

ACHIEVEMENTS

Smart India Hackathon   Kolkata, West Bengal
Winner   Dec 2018 – Dec 2019
Launched a chatbot for the **Ministry of AYUSH**,. Earned a **₹300000 grant** to further enhance and deploy the solution.

SKILLS

Frontend: React.js, JavaScript (ES6), TypeScript, HTML5, CSS3, Tailwind CSS, Sass.
Backend: Java, Python Scala, Springboot, Django, RDBMS, NoSQL, Oracle DB, PLSQL, MySQL, AWS, EKS, EMR, S3.
Tools: Jira, Git, Redis, Gradle, Docker, Jenkins, Kubernetes, Jest, Selenium, ESLint, Npm, Gradle, Maven, Posthog.
AI: PyTorch, TensorFlow, Scikitlearn, DirectML, ONNX, GenAI, LLMs, MLOps , BERT, LORA, Linux, Big Data.