SUJITH V NEELAKANDAN
Senior Senior Fullstack Developer and AI/ML Architect

SUMMARY

- Experienced software engineer with over 20 years in full-stack development, specializing in JavaScript, TypeScript, NodeJS, Python, and modern frameworks like ReactJS, NextJS, and NestJS.
- Proficient in AI/GenAI technologies including LangChain, LangGraph, and prompt tuning, with hands-on experience building AI-powered sales enablement and analytics platforms on AWS and Serverless architectures.
- Strong background in cloud platforms (AWS, GCP), containerization (Docker), and infrastructure as code (Terraform), delivering scalable e-commerce and ad-tech solutions.
- Skilled in database technologies such as MongoDB, PostgreSQL, Redis, and API design using REST and GraphQL, with expertise in microservices and composable app architectures.
- Holds a Master of Computer Applications degree, PMP and ITIL certifications, with proven leadership in project and operations management across multiple domains including e-commerce, analytics, and digital marketing.

TECHNICAL SKILLS

Main Technical Skills	Node.js (7 yr.), TypeScript (3 yr.), Python (7 yr.), AWS (7 yr.), AI
Programming Languages	Python (7 yr.), TypeScript (3 yr.)
AI & Machine Learning	AI, LangChain (1 yr.), LangGraph (1 yr.), LLaMA, LLM, OpenAI (1 yr.), RAG
Python Frameworks	Django REST framework (3 yr.), Flask (3 yr.)
JavaScript Frameworks	Express, NestJS (2 yr.), Next.js (3 yr.), Node.js (7 yr.), React (7 yr.)
Python Libraries and Tools	Matplotlib (1 yr.), Plotly (1 yr.), Streamlit (1 yr.)
Databases & Management Systems / ORM	AWS DynamoDB (1 yr.), MongoDB (6 yr.), PostgreSQL (4 yr.), Redis
Cloud Platforms, Services & Computing	AWS (7 yr.), GCP
Amazon Web Services	AWS API Gateway (4 yr.), AWS CloudWatch (2 yr.), AWS DynamoDB (1 yr.), AWS EC2 (4 yr.), AWS Lambda (4 yr.), AWS S3 (4 yr.), AWS SAM (1 yr.), AWS SNS (2 yr.)
Third Party Tools / IDEs / SDK / Services	Algolia (1 yr.)

SDK / API and Integrations	API, AWS API Gateway (4 yr.), GraphQL (2 yr.), RESTful API
Platforms	Contentful (1 yr.), Magento 1, Microsoft Power Platform (1 yr.)
Virtualization, Containers and Orchestration	Docker, Terraform (1 yr.)
QA, Test Automation, Security	Jest
Other Technical Skills	MCP, ORMs, Prompt Tuning (1 yr.), Tesseract OCR (3 yr.)

WORK EXPERIENCE

Senior developer, AI powered Sales Enablement Platform

Duration: Oct 2025 to date

Summary: Feature development – Video Enabled chats, Visual/Tonal Analysis & feedback.

Responsibilities: Senior developer building AI powered Sales Enablement platform, responsible for feature development including video enabled chats and visual/tonal analysis and feedback.

Technologies: TypeScript, Python, LangGraph, n8n, Prompt tuning, Livekit, React, SST, AWS

Senior Backend Developer, Lead Offshore Developer, e-Commerce platform for a Global Retailer

Duration: Aug 2024 – Oct 2025

Summary: Built composable e-commerce apps using VTEX platform, led offshore development for region specific development and roll out.

Responsibilities: Senior developer in building composable e-commerce apps, lead offshore developer for region specific development and roll out.

Technologies: NodeJS, NextJS, DynamoDB, Algolia, Contentful CMS, Terraform, AWS

Senior Product Engineer, Platform/MicroApp Dev in FrontM platform

Duration: Jun 2020 – Apr 2022, Oct 2023 – May 2024

Summary: Developed library components & Scheduling library on FrontM platform.

Responsibilities: Senior Engineer on FrontM platform, developed library components for Scheduling library.

Technologies: NodeJS, ReactJS, MongoDB, AWS (EC2, S3, Lambda, API GateWay, SNS, CW)

Senior Backend Developer, Reaction Commerce (Mailchimp OC)

Duration: May 2022 – Sep 2023

Summary: Developed major features including Fulfilment, Search & Filter (generic) for the open-source headless e-commerce platform.

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Responsibilities: Development of advanced features for the open-source headless e-commerce platform.

Technologies: NodeJS, MongoDB, GraphQL, TypeScript, NestJS, ReactJS, NextJS, PostgreSQL

Consultant (Technology & Analytics), Lead Architect, AiO Ad-Tech platform

Duration: Oct 2019 – Mar 2020

Summary: Led architecture (Solution & Infra) and developed Predictive Analytics functionalities for AiO AdTech Platform.

Responsibilities: System design & Development of AiO AdTech Platform, lead architecture and developed predictive analytics functionalities.

Technologies: NodeJS, ReactJS, MongoDB, AWS EC2, S3, Lambda, API GateWay, Cloudwatch

Consultant (Technology & Analytics), Creative Trading platform

Duration: Jul 2018 – Sep 2019

Summary: Developed a platform for Agencies/Publishers to Sell/Buy Creatives in Ad-Tech domain.

Responsibilities: Developed platform for Agencies/Publishers to Sell/Buy Creatives in Ad-Tech domain.

Technologies: Python, Django, PostgreSQL, AWS

Consultant (Technology & Analytics), Multiple Automation projects using Python

Duration: Jan 2017 – May 2020

Summary: Automated data collection, processing & presentation of Reporting Dashboard including web-scraping, Tesseract-OCR for text recognition in images, Header-Bidding.

Responsibilities: Automation of data collection, processing & presentation of Reporting Dashboard.

Technologies: Python, Flask, Django, PostgreSQL

Personal, Exploratory Data Analysis using LLM (personal learning)

Duration: May 2024 – Jul 2024

Summary: Project aims to do exploratory data analysis and respond to natural language queries.

Responsibilities: Developed exploratory data analysis system responding to natural language queries.

Technologies: Python, Langchain, matplotlib, plotly, Streamlit, OpenAI GPT

Consultant / Freelancer, CMS application and Channel – freelance project

Duration: Jan 2020 – May 2020

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Summary:

- End-to-end design and development of a Media channel (similar to Netflix) and the CMS app to manage the content of the channel
- Hosted in AWS using Serverless architecture

Responsibilities: Designed and developed media channel and CMS app, hosted on AWS with serverless architecture.

Technologies: NodeJS, ReactJS, MongoDB, AWS, Serverless Stack (sst.dev)

Learner / Developer, Self-Driving Car Scholarship

Summary: Developed Lane detection, Advanced Lane detection, Traffic Sign Classifier, Behavioural cloning.

Responsibilities: Developed various components for self-driving car including lane detection and traffic sign classification.

EDUCATION

- **Master of Computer Applications**
  Bharathiar University, 2004
- **B. Sc. (Computer Science)**
  University Institute of Technology, University of Kerala, 2000

CERTIFICATION

- **Project Management Professional (PMP)**
  Project Management Institute
  2011-2017
- **IT Infrastructure Library (ITIL 2011) Foundation certificate**
  IT Service Management
  2013
- **IT Infrastructure Library (ITIL v2) Foundation certificate**
  IT Service Management
  2006

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