Devashish Sanjay Kumar

(682) 406-7628 | devashishsanjaykumar@gmail.com | linkedin.com/in/devashishskumar/ | devashishskumar.github.io/portfolio/

SKILLS

- **Frontend**: React.js, Angular, Vue.js (Nuxt), TypeScript
- **Backend**: Express.js, Django, Spring Boot, .NET Core, Event-Driven Microservices
- **Cloud & DevOps**: Google Cloud Platform (Cloud Run, AI Vortex), AWS (EC2, S3, Lambda, RDS, SQS), Docker, Kubernetes, Terraform
- **Databases**: PostgreSQL, MySQL, MongoDB, DynamoDB, Vector Databases, GraphQL
- **AI / ML**: LLMs, Retrieval-Augmented Generation (RAG), AI Agents, TensorFlow
- **Programming Languages**: Python, Java, JavaScript, Swift, Kotlin, C#
- **Tools**: GitHub Actions, Cloud Build, Jenkins, SonarQube, Gradle, Jira, Confluence
- **Certifications**: AWS Solutions Architect (In Progress), Docker Essentials

EDUCATION

Masters of Science in Computer Science - The University of Texas at Arlington   **Arlington, TX**

Coursework: Software Engineering, Cloud Computing and Big Data, AI and ML   August 2023 – May 2025

Achievement: Received ICICI Bank Scholarship (₹10 Lakhs/$13,500) for excellence in financial analytics nationwide competition

B.Tech in Electronics and Communications - Manipal University Jaipur   **Jaipur, INDIA**

Coursework: Computer Networks, Computer Architecture, Object Oriented Programming   July 2018 - May 2022

WORK EXPERIENCE

HealthHQ |Holistic Childhood   **Dallas, TX**

Software Engineer | GCP(AI Vortex, Cloud Run, ADK), Python, Swift(iOS)   October 2025 – January 2026

- Architected LLM-based AI agents using Google ADK with custom intent parsing and chat + voice workflows for end-to-end control
- Designed a RAG-based vector data layer, grounding LLM responses in medical knowledge and reducing hallucinations by 35%
- Built an AI insights layer delivering proactive and reactive medical guidance, improving insight relevance by 25%
- Implemented event-driven microservices on Cloud Run with Firestore and AI Vortex, supporting thousands of daily interactions
- Developed iOS modules in Swift and automated CI/CD using Cloud Build and GitHub Actions, reducing deployment time by 50%

Soundwave Digital (Programmatic Advertising Company)   **Dallas, TX**

Data Science Intern | Google Cloud Platform, Python & SQL, TensorFlow, Looker Studio   July 2025 – September 2025

- Built data pipelines on Google Cloud (BigQuery, Dataflow, Pub/Sub) to automate ad data processing, reducing latency by 40%
- Designed AI agents for Amplifi™, leveraging behavioral signals and multi-ID resolution to improve match rates by 78%
- Developed and integrated RESTful APIs to unify Amplifi's proprietary data with reporting dashboards, enabling real-time campaign insights across programmatic, social, and search channels
- Collaborated with Ad Ops and Strategy teams to refine ML segmentation and bidding logic, cutting optimization cycles by 30%

Comviva Technologies   **Pune, INDIA**

Software Engineer | Java, Node.js, Axon, MongoDB, ReactJS, AngularJS, Gradle, Jenkins   September 2022 – July 2023

- Developed and deployed backend microservices using Java, Axon, Node.js, and MongoDB for the Comviva - Bluemarble Order Management System, increasing system throughput by 40%, reducing order fulfillment time by 15% and achieved 99.95% uptime
- Led migration from AngularJS to ReactJS, reducing page load time by 35% and improving UI responsiveness.
- Collaborated in an Agile Scrum team, improving sprint completion by 20% and ensuring reliable CI/CD with Jenkins

Develoscope Software Solutions   **Pune, INDIA**

Junior Software Engineer | Vue.js (Nuxt), Django, Node.js, PostgreSQL, RBAC   September 2021 – July 2022

- Developed the front end of an in-patient management system using Vue.js (Nuxt) and integrated Node.js services
- Enhanced modularity and maintainability by creating reusable Django backend APIs, Node.js middleware and Vue.js components
- Optimized PostgreSQL database, improving query performance by 25% through advanced indexing and query-optimization

PROJECTS

Car Buying AI Agent using LangGraph and LLM (OpenAI)

- Developed an agent to automate search, refine filters dynamically and provide real-time insights, improving decision-making efficiency
- Implemented async web scraping and Gradio interface, enabling seamless interaction and data extraction from AutoTrader website

Briefly-News Summarization App

- Built a web app delivering 60-second news summaries with trust scores, sentiment analysis, and political alignment using APIs and NLP
- Deployed serverless AWS backend using Lambda, API Gateway and DynamoDB, reducing news processing time by 30%

AI-Driven Weather Crisis Response Agent

- Implemented a hybrid AI model using machine learning and graph-based algorithms for accurate disaster risk assessment
- Optimized disaster prediction accuracy by combining real-time weather feeds with historical climate data analysis