Devashish Sanjay Kumar

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SUMMARY

Software Engineer with experience in full-stack development, cloud computing, and AI applications. Strong background in building scalable microservices and optimizing system efficiency. Proficient in AWS and modern frameworks. Collaborative team player with a passion for problem-solving and innovation. Committed to developing high-performance, user-centric software solutions.

SKILLS

- **Frontend**: React.js, Angular.js, Vue.js (Nuxt), TypeScript, Express
- **Backend**: Node.js, Django, .Net Core, Spring Boot, Event-Driven Microservices
- **Cloud & DevOps**: AWS (EC2, S3, Lambda, RDS, SQS), Azure Blob Storage, Kubernetes, Docker, Terraform
- **Database**: PostgreSQL, MySQL, NoSQL (MongoDB, AWS DynamoDB), GraphQL
- **Tools**: Jenkins, SonarQube, Gradle, Atlassian JIRA, Confluence
- **Programming Languages**: Java, Python, JavaScript, C++, C#, PHP, Kotlin (Android Development)
- **Certifications**: AWS Solutions Architect (In-Progress), Docker-Docker Essentials and Containers, Rest API Testing (Automation)

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

Soundwave Digital (Programmatic Advertising Company)   **Dallas, TX**
Data Science Intern | Google Cloud Platform, Python & SQL, TensorFlow, Looker Studio   July 2025 – Present

- Built data pipelines on Google Cloud (BigQuery, Dataflow, Pub/Sub) to automate ad data processing, reducing latency by 40%
- Designed and deployed AI agents for Amplifi™ (Soundwave's AI-powered audience modeling platform), leveraging behavioral DNA 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, Axon, MongoDB, ReactJS, AngularJS, Gradle, Jenkins, SonarQube   September 2022 – July 2023

- Developed and deployed backend microservices using Java, Axon, and MongoDB for the Comviva - Bluemarble Order Management System, increasing system throughput by 40%, reducing order fulfillment time by 15% and achieved 99.95% system uptime
- Led migration from AngularJS to ReactJS, reducing page load time by 35% and improving UI responsiveness.
- Secured RESTful APIs using OAuth 2.0, JWT, end-to-end encryption and access control policies
- Automated build processes with Gradle and ensured high code quality using SonarQube, reducing bugs by 25%
- 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, PostgreSQL, RBAC, Encryption-at-Rest   September 2021 – July 2022

- Developed the front end of an in-patient management system using Vue.js (Nuxt), improving UI efficiency by 20%
- Enhanced modularity and maintainability by creating reusable Django backend APIs and Vue.js components
- Optimized PostgreSQL database, improving query performance by 25% through advanced indexing and query-optimization
- Built and streamlined ETL pipeline using Apache Airflow and SQL, reducing data processing time by 30%

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 scrapping 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