

# 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 2025

## WORK EXPERIENCE

### 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 - Bluemarle 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%

### Pentagraph Partners

Pune, INDIA

**Business Analyst Intern** | SQL, Power BI, Data Visualization

May 2020 – July 2020

- Analyzed and visualized data using SQL and Power BI, reducing report generation time by 30% and enhancing decision making
- Automated security compliance monitoring dashboards using Power BI, reducing manual effort by 40%
- Performed data cleansing, improving dataset accuracy by 20% and reducing errors by 15%
- Designed automated dashboards and reports, streamlining workflows and reducing turnaround time by 35%

## 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

### Cloud-Integrated Library Management System (MERN + AWS)

- Built a cloud-integrated MERN app using AWS S3 for storage, EC2 for hosting and MongoDB Atlas for database management
- Optimized API performance with AWS Lambda, Dynamo caching, indexed queries and async operations for scalability