

Devesh Gautam

SOFTWARE DEVELOPER · DATA ENGINEER

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"Building smarter solutions, one line of code at a time."

Summary

Results-oriented Applied Computer Science graduate student with 2+ years of experience in software engineering and backend development. Proven track record of delivering scalable, high-performance solutions in Agile environments using C#, .NET, Python, SQL, and React. Skilled in algorithm design, system optimization, CI/CD, and building secure real-time applications across cloud and enterprise platforms. Recognized with a 5-Star Gold rating on HackerRank and 1st Runner-Up at Sathyabama Hackathon. Passionate about continuous learning, cross-functional collaboration, and translating business needs into reliable technical solutions. Seeking roles that offer growth in backend, data, or distributed systems engineering with real-world impact.

Work Experience

Siemens Tech. and Services Ltd.

Bengaluru, India

SOFTWARE DEVELOPMENT ENGINEER

Oct 2021 - Sept 2022

- Technologies: C#, .NET, Siemens TIA Portal, Visual Studio, Agile.
- Improved project velocity by 30% and reduced delivery delays by 20% by integrating Agile workflows and automating manual tasks.
- Led feasibility studies and system estimations to reduce development overhead and boost on-time delivery rates.
- Developed and deployed production-ready automation features, enhancing reliability in industrial software systems.

Solartis LLC

Chennai, India

ASSOCIATE SOFTWARE ENGINEER

April 2021 - Oct 2021

- Technologies: Java, JavaScript, MySQL, Jenkins, Eclipse IDE, HTML/CSS.
- Refactored backend logic and optimized SQL queries, cutting load times by 40% and improving performance.
- Contributed to a web-based insurance platform, integrating backend services and front-end components.
- Built CI/CD pipelines using Jenkins, reducing manual intervention and deployment errors.
- Collaborated with business and sales teams on a high-impact campaign, increasing user acquisition by 25%.

Skills

TECHNICAL SKILLS

- Languages:** C, C++, Python, C#, SQL, HTML, CSS, JavaScript, Java.
- Frameworks / Libraries:** React.js, Tailwind CSS, .NET, Django, Framer Motion, Lottie, Machine Learning.
- Tools & Platforms:** Linux, Visual Studio, MySQL, Eclipse IDE, Jupyter Notebook, MS Office, Cloudinary, Vercel, Netlify, SQLite.

COURSEWORK

- MACS:** Mobile Application Development, High Performance Computing, Data Mining & Machine Learning, Distributed Systems, Data Warehousing & Analytics.
- BE-CS:** Data Structures & Algorithms, Operating Systems, Database Management System, Software Engineering.

PROFESSIONAL SKILLS

- Leadership, Project Management, Problem-Solving, Communication, Team Collaboration, Time Management, Emotional Intelligence, Agile/Scrum, Technical Documentation.

Education

ST. FRANCIS XAVIER UNIVERSITY

MASTER OF APPLIED COMPUTER SCIENCE

- CGPA: 8.1/10

Nova Scotia, Canada

Jan,2023 - May,2025

SATHYABAMA UNIVERSITY

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE

- CGPA: 8/10

Chennai, India

Aug,2017 - May,2021

Projects : [Demo and More](#)

Portfolio Website

PERSONAL PROJECT

- Built an immersive, animated portfolio using React, Tailwind, Framer Motion, and Three.js.
- Features live project demos, resume download, contact integration, and responsive design.
- Deployed via Vercel with GitHub CI integration for seamless updates.

Canada

May 2025

Traffic Controller

ST. FRANCIS XAVIER UNIVERSITY

- Simulated a smart traffic light system using Round Robin and Rate Monotonic Scheduling, improving traffic efficiency by 35%.
- Developed a React-based UI for real-time configuration of signal priorities for emergency vehicles and pedestrians.
- Reduced average vehicle wait time by 25% and enhanced safety by dynamically adapting to traffic flow.

Canada

Sep. 2024

Data Hub

SATHYABAMA UNIVERSITY

- Engineered a secure peer-to-peer data-sharing platform with end-to-end encryption, ensuring 100% data privacy.
- Optimized encryption algorithms to improve data transfer speed by 30% while maintaining security standards.

India

Aug. 2020

Certifications (with Links)

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| • | AWS APAC - Solutions Architecture , Amazon Web Services (AWS) | 2023 |
| • | Software Engineering , Goldman Sachs | 2023 |
| • | SAP USA - Technical Consulting , SAP | 2023 |
| • | SQL , HackerRank | 2022 |
| • | Problem Solving (intermediate) , HackerRank | 2022 |
| • | Python , HackerRank | 2022 |
| • | Problem Solving (Basic) , HackerRank | 2022 |
| • | Accenture Nordics - Developer , Accenture | 2021 |
| • | Algorithmic Toolbox , University of California, San Diego - Department of Psychology | 2021 |
| • | Technical Support Fundamentals , Google | 2021 |
| • | AI For Everyone , DeepLearning.AI | 2021 |

Internships

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| Canada | Teaching Assistant: Heuristic Search, Big Data, RTS , (STFX University) | Sep 2023 – Dec 2024 |
| India | NGO Intern , (Mahila ROZGAR Prashikshan Evam Shikshan SANSTHAN) | Mar 2021 – Jul 2021 |
| India | Program Management Team , (Bridgespan Consultants) | Sep 2020 – Oct 2020 |
| India | Program Management Team , (Technosummit) | Aug 2020 – Sep 2020 |

Achievements

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| 2019 | 1st Runner-Up, Sathyabama Hackathon , Awarded for developing a predictive analytics tool | India |
| 2018 | 5-Star Gold Rating, HackerRank , Certified in Problem Solving | Online |
| 2016 | National-Level Boxer , CBSE Zonal Sports Tournament | Delhi |
| 2015 | State-Level Soccer Player , CBSE Inter-School Championship | Delhi |