

SOUVIK DAS

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Summary

Aspiring Software Engineer with a background in Electronics & Instrumentation and hands-on experience in backend development using Java, Spring Boot, and REST APIs. Solved 200+ DSA problems across LeetCode and GFG, showcasing strong algorithmic thinking. Built real-world projects including an IoT-based Smart Agriculture system and a healthcare platform. Quick learner with experience in Agile environments and a strong passion for backend engineering. Currently seeking an SDE 1 role to build scalable and impactful systems in a product-based company.

Technical Skills

- **Programming Languages:** Java, C++
- **Database:** MySQL
- **Frameworks and Tools:** Spring Boot, Spring JDBC, Microservices, Hibernate, JPA, JWT, OAuth2, Maven, REST API, XML, Git, CI/CD, Docker, Kubernetes, AWS, HTML, CSS, OOPs
- **IDE/Tools:** Eclipse, IntelliJ IDEA, Visual Studio Code

Education

Heritage Institute Of Technology

B.Tech in Applied Electronics & Instrumentation Engineering

Kolkata, India

Aug 2019 – Jul 2022

Murshidabad Institute Of Technology

Diploma in Electronics & Instrumentation Engineering

Cossimbazar, India

Sep 2016 – Oct 2019

Work Experience

Technical Support Engineer

Allied Digital Service Limited, Kolkata, India

Jul 2024 – Oct 2024

- Troubleshoot 50+ on-site network issues including IP conflicts and complex router/switch configurations, resulting in a 20% boost in network uptime.
- Managed Microsoft 365 deployment, updates, and user access issue resolution, reducing service request backlogs by 30%.
- Installed and configured JDK, Java, and Oracle environments for development, ensuring error-free setup and reducing setup time by 40%.

Desktop Support Engineer

Evision Technolab Private Limited, Noida, India

May 2023 – Jun 2024

- Diagnosed and addressed an average of 10 daily software issues including OS installations and upgrades, maintaining a 98% resolution rate.
- Delivered remote support for Office 365 installation, account provisioning, and system troubleshooting across 100+ endpoints.
- Configured DNS and DHCP settings to eliminate 30+ connectivity issues, improving user-reported network stability by 95%.

Intern

Cognizant, Kolkata, India

May 2022 – Aug 2022

- Completed a Cognizant virtual internship and contributed to 3 Agile sprints, simulating SDLC cycles with a 100% task completion rate.
- Led simulated Agile sprints using Jira and Confluence, completing backlog tasks 20% ahead of schedule and improving sprint planning accuracy.
- Compared Agile vs. Waterfall through 2 mock projects, helping reduce estimated project planning time by 25% during final evaluations.

PROJECTS

- **EasyRent – Rental Price Comparison Platform**

- * Built a web scraper to gather rental listings from various platforms for real-time rental price comparison.
- * Developed filters for location, price, and amenities; implemented clickable links for accessing original listings.
- * Added price alerts and user reviews to improve search customization and enhance user experience.

- **Smart Agriculture Monitoring System – IoT-Based Automation**

- * Monitored environmental data such as temperature, humidity, soil moisture, and rainfall using IoT sensors.
- * Transferred sensor data to a cloud platform for real-time monitoring through a connected mobile application.
- * Automated irrigation by controlling a water pump based on dynamic soil moisture levels.

Achievements

- 3-Star Coder on HackerRank — Recognized for solving algorithmic challenges efficiently.
- Earned the 50 Days Badge 2024 on LeetCode by maintaining daily problem-solving consistency.
- Solved 200+ DSA problems across LeetCode and Geeks For Geeks.
- Completed a virtual internship on SDLC and Agile methodologies with Cognizant.