

NANDINI SHARMA

Software Development Engineer

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EXPERIENCE

Software Development Engineer

Zeta Suite (Directi)

June 2021 – Present Bangalore, India

- Optimized the log volume for the core services, reducing logs by up to **80%**. Improved **log quality** and corrected error logs.
- Added the On Call **visibility** feature to the platform through the Ops Genie interface, making the service a one-stop tool for **monitoring**.
- Designed features around observing the action items after any incidents are recorded. Implemented the entire **end-to-end Backend module** which included Webhook controller, Data model, Elastic Search Service and API Controller using spring boot.
- Introduced the testing functionality for the entire Observability space, giving it more **standardization, robustness and accountability**.
- Lead the migration of various services from Swagger2 to Swagger3 resulting in more **clear and concise documentation**.
- Increased the clusters efficiency and productivity by building an executive view for **performance monitoring, update management, conflict identification, and error resolutions**. On boarded one of the most important clients to zeta in a very short notice.

Research Intern

National Institute of Technology, Hamirpur

July 2020 – Dec 2020 Himachal Pradesh, India

- Developed an Agro-Social mobile application which create awareness and provide inputs on better crop production.
- The results was based on research around crop diseases, farming techniques and inputs from farmers across the country.

PROJECTS

Code Capture

June 2020

- Created a Text to Code Application which allow users to scan handwritten notes and convert them into editable and formatted code with a single click.
- Deployed a flask based app while leveraging the Azure Cognitive services for OCR detection.
- The app was designed to make coding accessible to underprivileged segment of learners who dont have active access to latest devices and technologies.
- Collaborated with **Microsoft** to launch it in "**Hour of Code**", coordinated in over **180+ countries** which impacted more than **15,000 students worldwide**.

EDUCATION

Bachelor of Technology (Computer Science Engineering)

Banasthali University

2021

Jaipur, Rajasthan

- CGPA - 7.36/10

AISSCE (CLASS XII)

Sophia Girls' Sr. Sec. School

2017

Saharanpur, Uttar Pradesh

- 88%

TECHNICAL SKILLS

C++

Python

MySQL

Java

Android

Kubernetes

Spring Boot

postgresSQL

Kibana

ACHIEVEMENTS

- Initiated and designed **Microsoft Student's Dev2Be Program**. The program features interviews of developers with exceptional achievements from diverse backgrounds about their journey and experiences.
- Hosted **10+ sessions in 2 seasons** of Dev2Be. Webcasts and podcasts are available on all major social platforms like **YouTube and Spotify**.
- Won the **Best Overall prize** for the first International level, **Microsoft Visual Studio Code Hackathon**
- Received the Diversity Scholarship for **Kubecon CloudNativeCon**, North America 2021.

RESPONSIBILITIES

MozFest - Wrangler, Amsterdam 2022

- Helped in Festival Theme Selection, Shortlisting and Scheduling Sessions for the **Misinformation Disinformation Space** of MozFest.
- Coordinated with facilitators and Mozilla Team for organising and structuring the entire event.

Gold Microsoft Learn Student Ambassador

- Coordinated 30+ events on **Microsoft technologies**. Organised and lead sessions on topics such as Rummy Vision, AI Gaming, Github.