

# Aniket Pathak

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## EDUCATION

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**Kalinga Institute of Industrial Technology, Bhubaneshwar**

B.Tech. Computer Science Engineering CGPA: **9.23**

Odisha, India

Sept 2020 - Sept 2024

## EXPERIENCES

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**Nokia Solutions and Networks**

Bengaluru, India

**Network Automation Engineer**

July 2024 - present

- Part of **Network Automation** team under **Network Infrastructure** division, working on **Infrastructure Configuration Management** and **Service Fulfillment** to design network automation solutions for clients like TCL, Vodafone, TPG Telecom using the **Network Service Platform**.
- Designed **YANG** modules to develop GUI configurable **NETCONF** user inputs allowing clients to perform operations like **greenfield, brownfield, audit, delete, push & pull from n/w etc.**
- Optimized back-end scripts to process and map user configs into equivalent NFMP and MDC payloads efficiently, pushing into the network through **REST and RESTConf** APIs respectively.
- Managed N/W elements in Network Function Manager and configuring network related configurations like **ports, lags, saps, and services like vpls, evpn** etc.

**Nokia Solutions and Networks**

Bengaluru, India

**Software Developer Intern**

Aug 2023 - May 2024

- Part of **TSPortal** project in **Network Infrastructure** team, contributing to design and develop effective Network Management Tools.
- Leveraged technologies like **Spring Boot, Polymer.js, JQuery, JavaScript, and SQL** to build several end-to-end features such as Node User Profile, Optics Reports like Card Inventory, Port Usage, Pressure Sensor Check and Cross Connect Capacity.
- Optimized backend APIs using Java 8 features **to reduce report generation time by 20%** in Optics Reports migrated from 2G to 3G application.
- Resolved several **(20+) bugs** and implemented features and improvements mentioned in Change Requests provided by customers.
- Received Nokia Fearless Award for the prompt delivery of features without bugs and fast learning curve.

## PROJECTS

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**Flexboard : React component library for re-sizable sidebars** [ React, Typescript ]

- Designed & engineered a high-functional and user-friendly sidebar component library with complete resizable.
- Leveraged Rollup, Storybook, Styled Components, Husky, Jest, and GitHub Actions to optimize the development.
- Achieved outstanding community popularity with **250+ GitHub stars** and **40+ weekly NPM** downloads.

**Envoy : Email management tool to schedule and track E-mails** [ Spring Boot, Quartz, SQL, REST api ]

- Developed a robust email management product using Spring Boot, Java Mail Sender and **Quartz Scheduler** to send, schedule, and track emails.
- Implemented versatile APIs enabling sending, **scheduling**, and **tracking emails** across **24 timezones**, ensuring seamless email management and **real-time email notifications upon reading**.
- Leveraged asynchronous, scheduling operations to achieve an average **API response time of 240 ms**.

## SKILLS

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- **Languages:** C | C++ | Java | JavaScript | Python | SQL | YANG
- **Libraries:** Spring Boot | React.js | Pandas | Sklearn | Pytorch
- **Tools:** Git | GitLab | Linux | VSCode | Jira | Postman
- **Coursework:** Data Structures | Algorithms | Object-Oriented Programming | ML | NLP | Networking

## AWARDS AND ACHIEVEMENTS

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- **Nokia Fearless Award:** Received recognition from QA tester within the team for the prompt delivery of features and fast learning curve.