Tumun Shaily

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Education

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KOTTAYAM **August 2017 - June 2021**
Bachelor of Technology honors in CSE *Kerala , India*

Sun Valley International School **August 2014 - June 2016**
Secondary Education CBSE *Delhi NCR, India*

Experience

iManage **July 2021 - Present**
Bangalore, India *Software Development Engineer*

Insight: On-Premises **Full Stack Developer**

- Implemented secure APIs in **Scala/Java** using **Play Framework** to safeguard confidential information and ensure compliance with industry standards and regulations. Used **ReactJs** for client-side development.Led efforts to improve system performance by 22%.
- Updated all outdated dependencies to the latest versions as part of a framework upgrade initiative, resulting in improved system stability and security . **Mockito,Jest and Enzyme** is used for unit testing.
- Collaborated closely with cross-functional teams to integrate "Insight" seamlessly with various other products and systems used within the organization. Utilized **Docker** to containerize microservices, enabling seamless development without local setup.
- Migrated the codebase from **Bitbucket** to **GitHub**, including the CI/CD pipeline from **Jenkins** to **GitHub workflow**. **Git** was used for version control here.
- Implemented the app localization with seamless support for multiple languages, enhancing user accessibility and expanding the app's global reach.Internationalization (i18n) libraries like **react-i18next** were utilized.

Insight Plus: Cloud

- Developed the frontend of "KU Cloud" using **Next.js**, a powerful React framework known for its server-side and client rendering capabilities, ensuring faster page load times and improved SEO.
- Implemented a **GraphQL** API for efficient data retrieval and seamless communication between the frontend and backend, enhancing the user experience.
- Leveraged **MongoDB**, a NoSQL database, for storing and managing document metadata securely, ensuring quick retrieval and search capabilities.

Delta Electronics **Dec 2017 - Jan 2018**
Gurgaon, India *Software Engineering Intern*

ATM Security Management Software: On-Premises/Cloud

- Contributed to the development and execution of security protocols to safeguard ATM transactions and data.
- Kept updated with the latest trends and developments practises for software development.
- Use Python for writing and maintaining the code-base.

Technical Skills

- **Languages**: Scala, Java, Python, JavaScript , TypeScript and Go
- **Frameworks/Libraries**: Next.js, PlayFrame Work, React, Node.js, Tailwind, Jest, Spring boot
- **Tools**: Docker, Git, Linux, Github workflows, MongoDB, Functional programming, redux, sagas

Contributions

- Fixed Security bug in Pac4J Library: Link
- Conference Paper: Bacterial Image Classification Using CNN: Link