Soham Nag

Tempe, AZ | (623) 276-7241 | sohamnag@asu.edu | linkedin.com/in/sohamnag | github.com/SohamNag

EDUCATION

Arizona State University — Tempe, AZ
Master of Science in Computer Science — *Aug. 2022 – May 2024*

National Institute of Technology Meghalaya — Shillong, India
Bachelor of Technology in Electrical and Electronics Engineering — *Aug. 2013 – May 2017*

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, HTML/CSS, SQL, MQL (MongoDB)
Frameworks and Libraries: React.js, Node.js, Express.js, Flask, Django, Spring Boot, Redux, pandas, NumPy
Developer Tools: Git, Docker, VS Code, PyCharm, IntelliJ

EXPERIENCE

Graduate Student Assistant — August 2022 – Present
Arizona State University — *Tempe, AZ*
- Graduate Assistant for courses 'Principles of Programming Languages' and 'Engineering Blockchain Applications'
- Handled grading of assignments and homework of a class of 200+ students

Information Technology Coordinator and Operations Engineer — Jul. 2017 – Jul. 2021
Power Grid Corporation of India Limited — *Shillong, India*
- Collaborated with ABB Sweden for the commissioning of Asia's first 800 kV 3000 Megawatt high performance HVDC transmission facility in Assam (India) and managed multiple execution teams comprising of 30 employees
- Acted as Team Lead for a team of five employees and 2 contractors for the commissioning of a 132 kV G-I substation in Mizoram (India) as part of a World Bank funded Govt. of India project. The project improved the state's power reliability by over 20 percent
- Undertook routine testing and troubleshooting of company's internal IT network and network devices, reducing network vulnerabilities and network downtime

Engineering Intern — Jun. 2016 – Jul. 2016
Power System Operation Corporation — *Shillong, India*
- Worked on the SCADA system designed to monitor the Northeast Regional Electrical Grid
- Presented a case study to a body of managers on the Indian power market highlighting operational trade practices followed by countries in the Indian subcontinent and was awarded 'Best Presentation of The Cohort' by Chief Manager (Northeast Region), POSOCO

PROJECTS

Facebook Clone Social Media Application | *MongoDB, Express.js, React.js, Node.js, Formik, Redux, JWT*
- Developed a Facebook clone with user registration, live feed, image upload and like/dislike functionality using React and React Router for frontend, Redux for state management, Node for runtime, Express as backend framework, Mongoose for MongoDB and JWT for authentication

NFT Marketplace | *React.js, React Native, Git*
- Developed a landing page and cross-platform mobile application and using React.js and React Native that allows users to place hypothetical bids on fictional non-fungible tokens.

Real-Time Weather Web App | *JavaScript, OpenWeatherMap API, Git*
- Created a responsive web app using vanilla JS that pulled location-based weather information and icons from OpenWeatherMap API while also changing the background image to a landscape from the queried location

Password Manager App | *Python, Tkinter, Git*
- Developed a GUI-based application using Tkinter library in Python that allows user to store and retrieve their passwords locally into a file in JSON format