Varun **Kumar**

SOFTWARE DEVELOPER

Oslo, Norway

☎ (+47) 45312779 | ✉ varun.scandindian@gmail.com | ⌂ www.scandindian.github.io | ⌨ scandindian | in scandindian

Summary

Software Developer with over 5 years of experience in full stack development, I specialize in frontend technologies and data visualization. I excel at finding creative solutions to challenging problems and thrive in a dynamic, global work environment. I am adept at quickly learning new technologies and continuously expanding my skill set.

Education

Indian Institute of Information Technology, Allahabad   *Prayagraj, India*

BACHELORS AND MASTERS DUAL DEGREE IN INFORMATION TECHNOLOGY   *July 2014 - August 2019*

Specialization in Cyber Law and Information Security

Work Experience

Xeneta   *Oslo, Norway*

SOFTWARE DEVELOPER   *February 2022 - Present*

- Led the development to visualize ocean freight data with custom graph components built using D3.js and TypeScript. Further improved visualisations by making them interactive from user feedback research.
- Created a budget overview tool that allows Ocean BCO users to have a high-level budget estimate by calculating market development and historical data.
- Provided administrative dashboard for the data analytics team with new features including a more streamlined way to interact with JSON imports and handle benchmark requests for freight data.
- Improved authentication handling in the platform for easier and safer user data access across the app by making the authentication provider a reusable component.

JIG-SAW Inc.   *Tokyo, Japan*

SOFTWARE DEVELOPER   *February 2019 - January 2022*

- Developed the front end of the web console for IoT device monitoring and management using ReactJS.
- Worked on the backend using Python and AWS services including Lambda Function, Step Function, EC2, CloudWatch, RDS, and DynamoDB to build and maintain cloud infrastructure for the services provided by the web console.
- Made the website and the console completely compliant with GDPR and improved their security against XSS attacks and spam.
- Integrated Salesforce form handler in the website for customer inquiry and data management to automate sales and marketing team business operations.
- Improved security of the data transferred from an IoT Device to the cloud using an encryption technique for devices with low storage capacity.

Industrial Technical Research Institute   *Hsinchu, Taiwan*

R&D INTERN   *May 2018 - July 2018*

- Researched the effects of light from virtual reality headsets on the human circadian rhythm.
- Developed an Android app to calculate circadian parameters using a spectral sensor.

Google Summer of Code with FOSSASIA   *Remote*

ANDROID DEVELOPER INTERN   *May 2017 - August 2017*

- Increased adoption of FOSSASIA's Open Event standard by implementing it within open-source conference applications.
- Wrote blogs and daily scrum to document the process and enhance technical communication skills.

Gwangju Institute of Science and Technology   *Gwangju, South Korea*

RESEARCH INTERN   *June 2017 - August 2017*

- Researched machine learning techniques for artistic style transfer from paintings to images and mixing of multiple styles with the user-defined proportion of selected style.
- Developed an Android app to produce pastiche using the neural network from user input and presented research work in the poster session.

Skills

Programming Languages	JavaScript, TypeScript, Python, HTML, CSS, C, C++, SQL
Frameworks & Libraries	ReactJS, Redux, Semantic UI, Tailwind, D3
Cloud & DevOps	AWS, Docker, Netlify, Travis CI, Jenkins
Development Tools & Testing	Git, VS Code, Slack, Jira, Jest, ESLint, Cypress
Development Methodologies	Data Structures and Algorithms, Object-Oriented Programming

Languages

English	Native proficiency
Hindi	Native proficiency
Norwegian	Conversational proficiency - A2 Level

Extracurricular Activity

Oslo Raballder Rugbyklubb *Oslo, Norway*

Rugby Player *July 2023 - Current*

- Representing Norway as a part of international gay rugby union.
- Recruiting new players, managing social media presence, and raising funds for LGBT organisations.