VARUN SURESH KUMAR

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I am a passionate application developer with five years of experience in web development and complete product development lifecycle across diverse industries. I am proficient in developing ReactJs applications, delivering on tight deadlines and working in Agile environment.

SKILLS

- NextJS, SCSS, Flask, SQL
- Cypress, React Testing Library, Jest
- AWS, Docker, Netlify, Vercel
- Git, JIRA, Agile, Kanban

- ReactJs   (5 years)
- TypeScript   (4 years)
- JavaScript   (6 years)
- Python   (3 years)

EXPERIENCE

Research Assistant   July 2023 – September 2023
Department of Psychology, Queen's University Belfast
- Developed tools integrated with ChatGPT to collect feedback and perform intent analysis.
- Applications are developed with Streamlit, Flask, Huggingface models, OpenAI and Yagmail.

Project Associate   January 2022 – August 2022
Cognizant Technology Solutions, Bangalore
- Involved in building ReactJs components, applications and testing with Jest.
- Worked extensively on hooks to convert class components to functional components.
- Involved in refactoring components to optimise rendering and avoid redundant reconciliation.

Senior Software Engineer   July 2018 – December 2021
Apptomate Digital Services, Chennai
- End-to-end SDLC involvement in developing, testing and delivering ReactJs applications.
- Experienced in creating APIs using Flask, MySQL, AWS S3 and SendGrid services.
- Prototyped a microservice computational layer with AWS Textract, AWS Lambda and Python.
- Responsible for a team of 3 frontend developers. I was recognized as the SME for ReactJS.
- Initiated an in-house FAQ portal to share technical findings and solutions for frequent issues.

Application Developer   March 2017 - June 2018
Contus Pvt Ltd, Chennai
- Developed admin portals and finance dashboards using ReactJs, Redux and SCSS.
- Customized Magento extensions for rental-oriented and marketplace-related products.
- Integrated payment methods like PayPal and Paytm for Magento 1.x applications.

PROFESSIONAL CERTIFICATIONS

- AWS Certified Developer Associate
- Microsoft: Azure AI Fundamentals

PROJECTS

AutoEDA - varunsk.com/auto-eda
ReactJs, Flask, Serverless, AWS
- Developed a no-code web application to perform auto-detection of EDA and visualisations.
- Integrated with ChatGPT functions to auto-detect feature types and statistical suggestions.
- Implemented multi-window and minimise windows features to visualise graphs concurrently.

EDUCATION

Queen's University Belfast (2022 - 2023)   **Anna University, Chennai** (2012 - 2016)
Masters: Data Analytics   Bachelors: Electronics and Communication

INTERESTS AND ACTIVITIES

Data Science   Gradually, practising statistical concepts and working with pre-trained NLP models.
Tutoring   Conducted offline teaching classes during the pandemic with HopeTutors, Chennai.
Secure Book   Encrypted offline app to store passwords with access control - Playstore link
Answering SO   stackoverflow.com/users/8129206/varun-suresh-kumar
Freelancing   Worked with theallardcompany.com & arkadiarealestate.net during academic breaks