MANDEEP
SANDHU

PROFILE

Full-stack developer competent with the full SDLC, passionate about developing quality software and writing clean and testable production code following best CI/CD practices. Strong skills in OOP and Java, proficiencies in back-end and front-end technologies with strong Computer Science fundamentals including algorithms and data structures, networks and databases.

Obtained further in-demand knowledge of Machine Learning and Software Engineering through a Master's. Professional experience working in Agile environments using the Scrum Framework. A fast-learner able to grasp modern programming languages, frameworks and technologies. An excellent team player with a strong work-ethic who enjoys tackling complex problems with enthusiasm.

CONTACT

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WORK EXPERIENCE

SOFTWARE DEVELOPER, AND DIGITAL
Feb. 2020 – Present
Full-stack developer. Gained strong JavaScript, ReactJS, Node.js skills and experience with containerisation – Docker. Exposed to the complete SDLC and acquired robust engineering practices such as TDD and employing Agile, Scrum framework. Added measurable value by developing an internal web app tool used by the AND recruitment team during onboarding to substantially improve their productivity.

GRADUATE WEB DEVELOPER, STORM IDEAS
March 2019 – June 2019
Responsible for the front-end development, maintenance and documentation of an Android app with a large user base. Developed using Kotlin, Android Architecture Components, the MVVM pattern and Reactive programming. Gained strong knowledge of CI/CD and modern development practices.

EDUCATION

MSC COMPUTER SCIENCE, UNIVERSITY OF EDINBURGH
Pass (58%), November 2018
Courses in Machine Learning, Software Engineering and IoT

BSC (HONS) COMPUTER SCIENCE (AI), BRUNEL UNIVERSITY
First-class Honours, July 2016
Courses in OOP, Algorithms, AI, Machine Learning, Networks, Databases
Mathematics and Computing Foundation Year

SKILLS

- Full-stack Development
- Java, Python
- JavaScript, HTML, CSS
- ReactJS, Node.js
- Docker, AWS
- SQL
- Git
- Android Development
- Machine Learning
- Scrum