Ayush Kumar

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EDUCATION

SRM-IST
COMPUTER SCIENCE ENGINEERING
2020-2024 | Chennai,India

ST JOHNS HIGH SCHOOL
July 2020 | Chandigarh,India

LINKS

Github:// **Ayushkumar05**
LinkedIn:// **Ayush Kumar**

SKILLS

PROGRAMMING
• Python   • Java
•Javascript   • SQL
• React   • HTML/CSS
• Flask
Familiar:
• C/C++   • LATEX
• Lua   • Solidity
• Spring Boot

ACHIEVEMENTS

• Finalist for the Geo-spatial hackathon conducted by the Department of Science and Technology,India (2023)
• Shortlisted under top 15 projects for Data Science Community SRM Hackathon (2022)
• 1st place YPS International coding competition (2019)

COURSES

• Fundamentals of Computer Network (Microsoft)
• Prerequisites of Azure Administrartion (Microsoft)
• QSTP Introduction to blockchain (Google Developers Group BITs Goa)
• Machine Learning with Python (IBM Skills network)

PROJECTS

HYDROHIVE
| May 2023 |

• A platform focused on flood prediction and resource reallocation.
• The architecture used a combination of machine learning algorithms (given different weightages according to terrain) ,along with satellite imagery to predict floods using data from Survey of India and the Indian meteorological department.

PROWEB
| September 2022 |

• A platform that makes education accessible to to students with disabilities.
• The platform includes a face recognition based attendance system, open domain question answering system along with an ASL to speech converter for disabled students.

CANCERPEDIA
| April 2022 |

• A webapp which contains anything and everything you need to know about cancer including a chat-bot to solve all your queries.
• Users can upload ct scans of lungs and MRI scans of their brains to get a prediction on their health. Used the VGG-16 CNN model as a base to build an image classification neural network.

EXPERIENCE

SUMMER INTERN   JPMorgan Chase & Co | June 2023 - July 2023|

• Developed a highly scalable and complex application for a Financial Instruments Project.
• Implemented a flexible and interactive dynamic form component using React and Material-UI to handle various requirements efficiently along with API end points made using Spring Boot

PRODUCT DEVELOPER INTERN   Speak Your Mind Education LLP
|January 2023 - April 2023 |

• Worked on building a MVP for an innovative EdTech Platform.
• Responsible for guiding a team of web development interns.

CONVENOR
Directorate of Student Affairs| September 2022 - present |

• Member of organising team for MILAN 2023 (the annual national-level cultural festival)
• Organised the first offline speed cubing competition in Chennai after Covid

WEB DEVELOPER INTERN   Appan Pyropark | Aug 2022 - Oct 2022|

• Was responsible for managing a team and developing a full stack e-commerce webApp
• Used the Flask framework along with vanilla HTML/CSS

GAME DEVELOPER INTERN   Startup Elves | May 2018 - June 2018|

• Interned under Mr. Karan Checker, CEO to create 2d games using Lua