Sushant Ahuja

Graduate Student || Software Engineer

Graduate Student pursuing Masters of Engineering in Electrical and Computer Engineering from Concordia University with 2 years of work experience as Full Stack developer.

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WORK EXPERIENCE

Product Developer
Curve Tomorrow

06/2018 – Present   *Melbourne, Australia*

Curve Tomorrow is a technology company that specialises in solving healthcare problems.

- Worked full time and built APIs for bringing in technology in the health care sector, mainly for MCRI (Murdoch Children's Research Institute) and universities.
- Currently working remote part-time along with full time Masters as Full-Stack Developer collaborating with client, Lovelight, in development of platform for the generation and distribution of incoming orders between contractors.
- Deployed production APIs including: • "Sleepwake API" (sleep recommender system service built for nurses working under Monash University depending upon their shift types) • "Macujet API" (an application for eye-surgeon in Singapore to ease out the process of the treatment depending upon the disease) • "Auslan Connections" (booking system application to help deaf people book an interpreter or an organisation to schedule appointments with their doctor) • "PEERS API" (identifying social and communications issues in children via self-administered questionnaire)

Software Engineering Intern
Curve Tomorrow

01/2018 – 06/2018   *Mumbai, India*

Projects

- Worked on building live deployed projects and applications for health professionals. Developed a project single-handedly to be used for AGHA research (built questionnaire application for carrying out genomics research) as part of my Bachelor's Co-op.
- Helped the team with DevOps by improving build time by 2x on CI/CD pipeline.

Web Development Intern
PaintCollar

05/2017 – 07/2017   *Mumbai, India*

PaintCollar is online marketplace for designer merchandise created by artists.

- Worked on a platform for management of the orders and easy collaboration with the clients - developing dashboard to add new orders to our database, search through the orders, calculating the total turnover of the company.
- Worked on making the admin side of the website and progressed from zero to deployment of MVP in under 2 months including ramping up on new framework.

EDUCATION

Masters of Engineering in Electrical and Computer Engineering
Concordia University ↗

09/2019 – Present   *Montreal, Quebec, Canada*

Bachelor of Technology in Electronics and Communication Engineering
Guru Nanak Dev University ↗

08/2014 – 05/2018   *Amritsar, Punjab, India*

SKILLS

`Python` `Ruby` `Flask` `Rails`
`Javascript` `AngularJS` `PostgreSQL`
`MATLAB` `Heroku` `AWS` `Docker`
`CircleCI` `Git` `Grape` `MongoDB`

PROJECTS

MagLev
- Worked on design, analysis issues, validation and verification through simulations using MATLAB on Magnetic levitation system for train transportation project.

Volunteer Connect
- Currently leading the development of web application that lets the organizations search for the volunteers for a particular cause.

Gesture Based Wheelchair
- Worked on making a wheelchair project using an accelerometer that provides gesture which is then transferred through RF module and lastly to L293D that controls the working of the motors using PIC Microcontroller.

WORKSHOPS

Artificial Intelligence Summit
Attended AI Summit at IIT Bombay Techfest and ML workshops and talks by Samsung and Amazon Alexa

National Network Security Championship
Learnt the basics of Network implementation in a workshop organized by E-cell IIT BOMBAY and Network Bulls. Also worked on software like Packet Tracer, GNS and Wireshark.

VOLUNTEER ORGANIZATIONS

BloodConnect
Tech And Compliance Manager

GNDU Electronics Student Forum
Cultural Team Coordinator

INTERESTS

`Boxing` `Martial Arts`