Harsh Sharma

sharma.harsh7111@gmail.com | (+1) 587-890-6300 | http://github.com/harsh-s7 | linkedin.com/in/harsh7sharma

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C/C++, SQL, Swift, HTML, CSS, Git, Typescript
Technologies: Amazon Web Services (RDS, Lambda, EC2), Unix, Linux Microsoft Azure, PostgreSQL, React, Node.js, Rest API, Github, MongoDB, GraphQL, Google Firebase, MySQL, Figma, Django, Kubernetes
Project Management Tools: Jira, Confluence, Microsoft Excel, Asana, Trello, Google Analytics, Tableau

EDUCATION

University of Calgary, Schulich School of Engineering   April 2023
B.Sc in Software Engineering (Dean's List 2019-2021)

WORK EXPERIENCE

WORKDAY | *Incoming Machine Learning Intern - San Francisco, CA*   START DATE: TBD

DELOITTE | *Incoming Consulting Analyst Intern - Calgary, AB*   START DATE: TBD

CANADIAN SPACE AGENCY (CSA) | *Engineering Project Management Intern - Saint-Hubert, QC*   Sept 2021 - Dec 2021
- Worked cross-functionally with engineering and design teams to define and prioritize technical feature requirements through **PRD** write-ups to help create Canadarm3 **PMP** from conception to launch
- Reduced time spent inputting data by 92% by developing a **Python** application utilizing **Microsoft Azure's** Form Recognizer to parse PDF documents for data and transfer it to a **MySQL** database
- Assisted in project decisions by creating performance and usage metrics of the file-sharing product using **SQL** & **Tableau**

GOLFADAY | *Software Engineer Intern - Calgary, AB*   Jun 2021 - Sept 2021
- Created RESTful API endpoints in Amazon API Gateway utilizing **AWS Lambda** and Node.js that interacted with the **AWS RDS** - **PostgreSQL** database to retrieve, store and/or process data
- Reduced application latency by 30% by architecting a new concurrent backend to serve application data using Python
- Improved team productivity by 26% by implementing **Jira** for project backlogs, progress reporting and bug tracking
- Enhanced application security by limiting user access with **AWS IAM** & **AWS Config** to prevent data leaks

AASEE | *Product Manager - Calgary, AB*   Jan 2020 – Jul 2021
- Saved **$10,000** annually in data analysis costs by creating a new platform tool leveraging machine learning and NLP to extract data from consumer feedback forms
- Built a site with **40K** unique visitors per year using Figma, PSD/AI, HTML, React, JSX, CSS, jQuery, and JavaScript
- Minimized unnecessary component refreshes, decreasing initial page load time by 15%

GOVERNING PARTY OF ALBERTA | *Data Science Intern - Calgary, AB*   Dec 2020 - Apr 2021
- Utilized **Python** - **Selenium** to scrape 100+ websites for donor information and initiated contact with them
- Generated a 4% decrease in customer support ticket volume through revamping payment plan UI
- Worked on a serverless **Node.js** ETL pipeline to parse and index 1000+ spreadsheets into **MongoDB** and **Tableau**

CHEAPREATS | *Software Engineer Intern - Toronto, ON*   Jul 2020 - Sept 2020
- Built secure Node and Express CRUD back-end, containerized with Docker and deployed to AWS EC2
- Modeled business requirements in SQL relations and microservice architecture in AWS Lambda
- Architected a systems design for and developed a comprehensive backend notification system with **Node.js** and **AWS** that enables server-wide communication based on a publisher-subscriber mechanism

PROJECTS

Online Travel Booking System | React, Typescript, MySQL, CRUD, Rest API, Node.js
- Designed route calculating algorithm to find optimal travel route using data from multiple APIs (Google Maps, TripAdvisor, Yelp) and previous routes within the **MySQL** database
- Developed critical **REST APIs** and services to scale the **Typescript, React & Node** application from 50 to over 150 users during beta testing, including APIs for automated email pipelines, and user profiles

TECHNICAL COMPETITIONS

Technical Competitions: *1st Place* - KPMG Ideation Challenge - Regionals & Nationals, *1st Place* - EUvs Virus Hackathon, **1st Place** - Hack:now Hackathon, *1st Place* - HackerEarth Hackathon
Business Competitions: *1st Place* - Schulich Engineering Competition, *2nd* Place - Deloitte National Leadership Conference Case Competition, *3rd Place* - Western Engineering Competition