

Raghav Chandak

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Skills

Programming Languages

JavaScript(ES6+), C, C++, Dart, , Java, Python, SQL, Verilog, Assembly, GraphQL, C#

Software Development

Web Application, Mobile Application, Software Architecture, Full-Stack Development, AGILE, UI/UX

Technologies & Frameworks

HTML(5), CSS(3), React, Redux, React Native, Flutter, Node.js, Django, Bootstrap, Express, MERN Stack, Bootstrap, Axios, Gatsby, Highcharts

Testing

Black-box, White-box, Unit, Integration, System, Mutation, A/B, Performance, Static Analysis

Tools

MySQL, Postgres, CMS, Postman, Figma, Unity

DevOps

CI/CD, Git Version Control, Linux, Docker

Artificial Intelligence

Linear Models, Monte Carlo Estimation, Feed-forward Neural Networks(CNN, RNN), B-Trees, Temporal Learning

Security

Cryptography, Hashing, Password Cracking, Authentication Protocols

Education

BSc Honors in Computing Science, University of Alberta

09/2020 – 05/2023 | Edmonton, Canada

- Dean's Honor Roll - Top 1% of all students (2020-21)
- Current GPA: 3.6/4.0

Notable courses:

Software Engineering

- Software Process & Product Management
- Web Applications & Architecture
- Software Quality
- Intro to DBMS

Algorithms:

- Practical Algorithms
- Algorithms 1

Artificial Intelligence

- Search Knowledge & Simulation
- Intelligent Systems
- AI in Games

Others:

- Security in a Networked World
- Human Computer Interaction
- Operating Systems

Computer Science & Engineering,

International Centre for Applied Sciences, MAHE

08/2018 – 05/2020 | Manipal, India

- Overall CGPA : 3.88/4.0
- Transferred to University of Alberta in 2020

Professional Experience

Software Engineer Intern, IndusNet

01/2021 – 05/2021 | Kolkata, India

- Built the frontend architecture for LifeStyle App 'Gems'
- Successfully completed design tech handoffs for the food app, 'The Delivery Guy' and 'Gems' applications **15%** faster than the company's average time

Projects

Atelier Designer Website, Client Project

- Designed, coded, and hosted website
- Created a **10-page** website to display client portfolio
- Achieved a Google Lighthouse score of **98**

Social Media Application, Academic Project

- Built social media website where users have features such as adding followers and friends, adding posts, and liking and commenting others' posts
- Supports interaction of users across different servers

Avonmore Community Rink Booking Website, Academic Project

- Built user experience for **2k+** users for online booking of rink
- Wrote detailed PRD & designed user-flow as front-end developer

PucchPucch Petshop Website, Personal Project

- Front-end developer for inventory management, sales experience and scheduling and booking of appointments
- Reduced client book-keeping effort by **20%**

NIH Laundry Management,

Laundry Management Application for my University

- Developed a cross-platform mobile application for managing laundry at MAHE, simplifying the daily struggle of students to maintain their clothes and calculate the total cost of laundry
- Conceptualized, designed, and implemented features such as displaying different cloth types, and storing and updating cloth list with amount due

Other Experience

Customer Service Member, McDonalds

09/2022 – 04/2023 | Edmonton, Canada

- Responsible for taking orders and assembling them timely
- Reduced order-taking time to under 60 seconds, and service time under 120 seconds
- Employee of the month for February
- Retailer of the month for December and March

Production Team Member, Pizza Hut

01/2022 – 03/2022 | Edmonton, Canada

- Responsible for ensuring smooth production of the items and maintaining cleanliness
- Reduced production time to 90 seconds per order