ASHISH BACHAVALA

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EXPERIENCE

Microsoft
Software Engineer

📅 September 2021 – Present   📍 Redmond, WA

- Worked on a big data processing team that calculates rewards and earnings for Microsoft sellers and partners
- Designed and implemented a solution for distributing load of near real time data processing across multiple regions and data centers
- Developed automated test, build, and release pipelines to improve security and compliance of our team's services and increase developer productivity

Microsoft
Software Engineering Intern

📅 May 2020 – August 2020   📍 Remote

- Developed a tool for business operations to override large amounts of data by adding rules
- Used React to build front end components with .NET Framework and Azure services for back end components

Amazon
Software Development Engineering Intern

📅 May 2019 – August 2019   📍 Seattle, WA

- Developed a community reporting feature for a live video and chat experience from end to end
- Used React to build front end components and AWS services to build back end components

PROJECTS

SpicyMGMT
Node.JS, HTML, Javascript, SQL

Worked with a team of 8 people to make a management app for professors at UMD to use for assigning tasks and files to teaching assistants

Over Sand Vehicle
C, Arduino, Electronics

Lead a team in building an over sand vehicle to autonomously locate and extinguish fires which came in 2nd place out of 15 participating teams

EDUCATION

B.Sc. in Computer Science
University of Maryland, College Park

📅 August 2017 – May 2021

GPA: 3.3

SKILLS

Programming Languages

`C#` `C` `Java` `Scala` `PHP` `Python` `JavaScript` `React` `.NET Framework` `jQuery` `SQL` `HTML` `CSS` `Unix` `Assembly` `Ruby` `OCaml` `Rust` `AWS` `Azure`

Relevant Courses

`Object-Oriented Programming` `Algorithms` `Discrete Structures` `Computer Systems` `Advanced Data Structures` `Compilers` `Operating Systems` `Database Design` `Computer Networks` `Programming Languages` `Electric Circuits` `Digital Logic Design` `Elements of Discrete Signal Analysis` `Cryptography`

HACKATHONS

🏆 **Bitcamp 2019 Participant**
Used Google sentiment analysis APIs to analyze news about companies and predict stock behavior

🏆 **Bitcamp 2018 Participant**
Created a visual calorie tracking site

❤ **Technica 2018 Mentor**
Helped participants with any technical difficulties during hackathon