

Karanbir Bains

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Education

University of California, San Diego Class of 2018

B.S Cognitive Science w/ specialization in HCI and Minor in Computer Science

San Jose State University 2019 - 2021

M.S. Software Engineering w/ specialization in Cloud Computing and Virtualization

Work Experience

Infosys Limited

Sept 2018 - Feb 2020

Senior Associate

I worked as a DevOps Engineer contractor for the Identity Management Services team at Apple, on behalf of Infosys. Duties included: integrating apps with authentication, maintaining servers with current software, and investigating, resolving, and providing support with technical issues.

Certifications

Amazon Web Services

AWS Associate Certified Solutions Architect

Certification validates my ability to effectively advise on how to architect and deploy secure and robust applications on AWS technologies. EXP Jan 2021

University of California, San Diego

Coding Boot Camp

Completed Full Stack Boot Camp based on the MERN Stack.

Skills

C & C++

Basic-Intermediate

Have used the STL C++ libraries and understand the basics of memory management, pointers, and data structures.

Java

Intermediate

Knowledge of OOP principles such as abstraction, polymorphism, inheritance, and encapsulation. Also versed in a variety of design patterns for creating efficient software.

Web

Intermediate

Experience working with HTML, CSS, Bootstrap, JavaScript, Firebase, React, MySQL, MongoDB, AWS, Python and Heroku.

Projects

Biodiesel
Processor

Programmed the Arduino for the Automated Processor. The Processor takes in waste vegetable oil and turns it into biodiesel.

Web Portfolio

<https://karanbir-bains.herokuapp.com/>

This is my online portfolio, it includes some of the projects that I have completed using my web development skills.