

APARNA KRISHNAN

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EDUCATION

Northeastern University, San Jose, CA Expected Graduation: May 2023
Candidate for a Master of Science in Computer Science,
Related Coursework: Algorithms, Foundations of AI

SSN College of Engineering, Chennai, India Aug 2017 - Jul 2021
Bachelor of Science in Computer Science and Engineering, GPA: 8.3/10
Related Coursework: Machine Learning Techniques, Cyber Forensics, Information Retrieval Theory,
Computer Networks, Data Structures, Design and Analysis of Algorithms

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, Dart, Typescript, Shell Scripting, SQL, HTML, CSS, Kotlin
Technologies and Frameworks: React (with Redux), Tailwind CSS, Flutter Development, Git, Rasa - Open source conversational AI, Amazon Web Services, AngularJS, Android Development, TensorFlow, scikit-learn

EXPERIENCE

Sigaram Technologies, Chennai, India Mar 2021 - Jun 2021
Software Development Engineer - Intern

- Developed new features for the flagship eCommerce product, GoPlinto via rapid prototyping, to meet customer demands for comprehensive management features.
- Built restaurant and store management systems using React (Redux), which include billing history and Google Analytics widget features.

LeanKloud Solutions Pvt. Ltd., Chennai, India Apr 2020 - Jun 2020
Software Engineer - Intern

- Streamlined the interface of the Cloud Optimization Service by introducing asset tracking features for the clients.
- Resolved issues faced by clients in the interface and developed essential features using AngularJS.

HashHackCode, Chennai, India Nov 2019 - Dec 2019
Special Needs Mentor - Intern

- Tutored students with special needs in HTML/CSS coding to prepare for better job opportunities.
- Prototyped a special IDE to be used by the students including features such as code read-aloud and syntax highlights.

PROJECTS

VoiceBot Aug 2018 - Feb 2019
SSN College of Engineering, Chennai, India

- Developed a system for autonomous everyday navigation for the visually impaired. Implemented navigation techniques using Reinforcement Learning and Raspberry Pi.

SnapCode - A visual code-compilation system Mar 2020 - Apr 2020
HackJaipur 2020

- Developed a progressive web-app in ReactJS to compile code read from visual input to promote computer education in remotely-connected areas. Deployed NLP models using BERT to recognize handwritten code.

ACCOMPLISHMENTS

- Placed **Third** in HackJaipur 2020, organized by DevFolio for the project **SnapCode**
- Placed **First** in Coding Hungama (DSA) 2016, organized by ACM - Anna University