Naman Sood

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SKILLS

Languages   JavaScript, HTML5, CSS3, C, C++, Rust, Racket, SQL, Python, PHP, Bash
Technologies   Node.js, MongoDB, MySQL, React/React Native, Linux, AWS, Firebase, Nginx, Apache, Docker

WORK EXPERIENCE

Creesync Software   May 2019 – Aug 2019
Software Engineering Intern, New Delhi, India

- **Simplified delivery** of professional photographs, by creating cloud-based solution for photographers to preview photos to customers before delivery; using Electron, React Native, AWS S3, and MongoDB.
- Significantly **reduced technical debt** in social media app by establishing **DRY coding practices** and implemented user-facing functionality - liking and creating image posts and comments; using React Native and Firebase.

The Girl Code   Mar 2018 – Present
Full Stack Developer, New Delhi, India

- Enabled school-aged girls to learn programming by creating an online platform to teach Python with intuitive tutorials, live code examples and a digital companion; using Node.js and MongoDB.
- Tracked usage of the learning platform in collaboration with **National University of Singapore** for research project, and received letter of recommendation from the University; using REST API endpoints.

PROJECTS

Vibgyor *Apache Cordova, OCR.space API*
Won 1st place in XINO 2018 hackathon. Optimized smartphone UX for visually impaired, using features like voice commands and live text narration.

Watson *Node.js, Microsoft Azure APIs*
Streamlined web search experience for academia by introducing research-focused features like previewing links and saving search results as 'pinboards'.

Turtle Shell *C, POSIX APIs*
Shell for Unix-like operating systems written in C. Learned dynamic memory management, process management, and usage of POSIX interfaces.

CHIP8-rust *Rust*
Emulator for the CHIP8 virtual machine. Learned Rust, implemented behavior of machine-level instructions, and created graphics in a framebuffer.

AWARDS

Google Code-In 2017 *Finalist, CloudCV*   Dec 2017
Recognized for extensive contributions to CloudCV's open-source projects – features, bugfixes, documentation and more.

EDUCATION

University of Waterloo   Sep 2019 – Apr 2024 (expected)
Candidate for Bachelor of Computer Science – 92.2%

- **Marketing Director, Developer Student Club (Google Developers):** Reached over 150 people to organize workshop by a Google engineer over two weeks, by creating and maintaining a website, social media handles, and posters.
- **Mentor, StarterHacks 2020:** Helped enable over 1000 participants by providing technical support and design critique in Canada's largest beginner-focused hackathon.