

Sai Akhil Pendyala

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EXPERIENCE

Prosurix, Inc., Buffalo, NY — Software Engineer

October 2017 - Present

- Developed Node.js libraries:
 - to speed up the transfer of gigabytes of sensitive data into a database, resulting in a ~10x speed improvement.
 - for ACR122U NFC writer, resulting in a ~2x speed improvement.
- Worked closely with CEO and CTO to upgrade the existing Android and iOS apps by improving the UI and adding features like comments, favorites, saving passwords etc. using REST APIs, resulting in 150% more downloads.
- Organized marketing and advertising campaigns, attended by over 50 people.

Right Link, Hyderabad, India — Software Engineering Intern

Summer 2016

- Implemented Android and iOS applications with backend database using Node.js, Express.js, and MongoDB.
- Integrated location-based services using Google APIs and geocoding.
- Developed and conducted usability tests, implementing enhancements to improve the user experience.

LPCiminelli, Inc., Buffalo, NY — Software Engineering Intern

Fall 2015

- Helped develop an Android application to assist the factory floor employees to track and maintain assets at the job site.
- Implemented a backend database using PHP and MySQL.

Accendo Technologies, Hyderabad, India — Software Engineering Intern

Summer 2015

- Designed user interface for a Web app which sends and receives messages between two employees.

EDUCATION

University at Buffalo, Buffalo — B.S, Computer Science

June 2017

GPA: 3.6/4.0

Coursework: Operating Systems, Databases, Algorithms, Programming languages, Comp. Architecture, Image Processing and Comp. Vision

SKILLS

Languages: CSS, HTML, Java, JavaScript, PHP, Python, Objective-C, SQL

Other: Android, AWS, Git, jQuery, Node.js

PROJECTS

UB Hackathon: Drink Smart(Android)

Android application to log alcohol consumption and find taxi services in case it is not safe for the user to drive.

EquipSavy (Full Stack Development)

A Web application used for tracking and checking out lab equipment from University labs, built on MEAN.

Tynkr (Full Stack Development)

A Web application for highschool students to share and buy tinker projects, built on MEAN.

HONORS

Engineering Dean's list in Fall 2015