

SAI AKHIL PENDYALA

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WORK EXPERIENCE

Prosurix Inc.

Software Engineer

Buffalo, NY

Oct 2017 | Present

- Developed a Node.js library to speed up the transfer of gigabytes of sensitive data into a database, resulting in a ~10x speed improvement.
- Developed a Node.js library 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

Software Engineering Intern

Hyderabad, India

Jun 2016 | Aug 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.

Software Engineering Intern

Buffalo, NY

Sep 2015 | Jan 2016

- 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

Software Engineering Intern

Hyderabad, India

Jun 2015 | Aug 2015

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

SKILLS

Programming Languages:	Java, Python, Objective-C, JavaScript, SQL, HTML, CSS
Frameworks:	Node.js, Express.js, Bootstrap
DBs:	MySQL, MongoDB
Tools and Technologies:	Android, iOS, Git, jQuery, Postman

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 *MEAN Stack*

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

Tynkr *MEAN Stack*

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

EDUCATION

University at Buffalo

B.S Computer Science *GPA: 3.6*

Buffalo, NY

- Jun 2017