Anant Kaushik

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EDUCATION

Carnegie Mellon University – School of Computer Science Pittsburgh, PA
Master of Software Engineering - Scalable Systems Dec. 2020
Ongoing - Managing Software Development, Models of Software Engineering, Entrepreneurship and Innovation in Technology
In Spring – DevOps: Modern Deployment, Engineering Data Intensive Scalable Systems, Architectures for Software Systems

Guru Gobind Singh Indraprastha University Delhi, India
Bachelor of Technology - Computer Science and Engineering June 2017
Selected Coursework: AI, Compiler Design, Operating Systems, Machine Learning, Object-Oriented Software Engineering

SKILLS

Database – NoSQL, SQLite
Frameworks – React.JS, Android, Serverless
Computing Environments: Windows, Linux, Raspberry Pi
Languages – Java, JavaScript, Swift(Intermediate), Python (Beginner)

PROFESSIONAL EXPERIENCE

Zerone Microsystems Private Limited Gurugram, India
Lead Developer Nov. 2018 - May 2019
Software Engineer -> Senior Developer Jun. 2017 - Oct. 2018

- Developed the Swipe2.0 protocol based on BLE, which enabled the exchange of any information across Android and iOS by the swipe of two smartphones (alternative to NFC), which was 30% faster than the previous version.
- Lead team of 8 developers on Fintech project ZUP, enabling payment with a swipe of two smartphones with UPI and credit cards. Collaborated with VISA and ICICI bank to architect and develop our Android and iOS application from scratch. The server-side was created using the serverless framework on AWS.
- Presented offerings to VCs in 2nd International Entrepreneurship Conclave, Nepal.
- Created the Visitor Management System and Guest Management System from scratch. Both of them had mobile applications (Android and iOS) and web portals. They were created using React.js, Android, Swift, Node.JS, and MongoDB. The system was inaugurated by the Resident Commissioner in *a press conference* https://youtu.be/pRBA0kcJkYs , and the swipe check-in was showcased separately to the public in a media coverage http://zpi.cash/media/index.html.
- Created prototypes in Access Control, Parking, and Health-care domains as well.

Gaia Smart Cities Gurugram, India
Summer Intern June - July 2016

- Developed an Android application for a prototype smart weight scale.
- Mentored fellow developers on Android applications.

ACADEMIC PROJECTS

Smart Intrusion detection device Delhi, India
Guru Gobind Singh Indraprastha University Nov 2016

- Developed an Intrusion Detection or forced entry detection component, as an add-on feature to the smart-lock described below, using a Reed-Switch.
- Changed the Raspberry Pi to DA14681 offering BLE support and an Internet Module, it lowered the cost of production

Ubiquitously controlled personalized smart-lock Delhi, India
Guru Gobind Singh Indraprastha University June 2015

- Developed a smart automated door lock using of-the-shelf hardware components and Raspberry Pi.
- Developed an Android application that sent signals via Internet to the smart lock to lock or unlock.
- Published in the IEEE IOT (I-SMAC) Conference in Coimbatore in Feb 2017 https://ieeexplore.ieee.org/document/8058266/

HONORS

Winner – Money Table – “Graduate students’ competition where you are the INVESTOR” Nov 2019
Winner – Apprentice Project – $50 seed investment turned to 10x in profits Sep 2019