Anant Kaushik

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EDUCATION

Carnegie Mellon University – School of Computer Science   Pittsburgh, PA
Master of Software Engineering - Scalable Systems | **CGPA 3.68 / 4.33**   Dec. 2020
- Current - DevOps: Modern Deployment, Engineering Data Intensive Scalable Systems, Architectures for Software Systems
- Previous - Managing Software Development, Models of Software Engineering, Entrepreneurship and Innovation Technology

Guru Gobind Singh Indraprastha University   Delhi, India
Bachelor of Technology - Computer Science and Engineering   June 2017

SKILLS

Database – MySQL, NoSQL, SQLite
Languages and Frameworks – Java, JavaScript, Swift(Intermediate), React.JS, Android, Serverless

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PROFESSIONAL EXPERIENCE

Carnegie Mellon University   Pittsburgh, PA
Graduate Teaching Assistant   Jan. 2020 - Present
- Working with [Babs Carryer](link) in Entrepreneurship and Innovation in Technology (14815).
- Mentored students on their "Apprentice Project" and "My Startup" projects.

Zerone Microsystems Private Limited   Gurugram, India
- *Lead Developer*   Nov. 2018 - May 2019
- Senior Developer   July - Oct. 2018
- Software Engineer   June 2017 - June 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 MNC banks to architect and develop our Android and iOS application from scratch and created server 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 using React.js, Socket.io (web portals), Node.JS, MongoDB (server), Android, Swift (mobile applications).
- Received recognition from the Resident Commissioner in *a press conference* (link), and a media coverage (link).

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

Thirdeye Glasses - Helping Visually Impaired Navigate   Pittsburgh, PA
Carnegie Mellon University   Sep. – Dec. 2019
- Led the interviews with stakeholders to envision third eye product (link) and created goal models, use-cases, and Voice User Interface (VUI).
- Created a business model, financial model, and milestones (link) for developing product as part of "My Startup" in the Entrepreneurship course, where I acted as the CEO and Co-founder; presented in-front of angel investors and got voted the best.

Ubiquitously controlled personalized smart-lock   Delhi, India
Guru Gobind Singh Indraprastha University   June 2015
- Developed a smart automated door lock using off-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 (link)

HONORS

1st place – Money Table, Carnegie Mellon University   Nov. 2019
1st place – Apprentice Project, Carnegie Mellon University   Sep. 2019