

Anant Kaushik

CARNEGIE MELLON UNIVERSITY
SCHOOL OF COMPUTER SCIENCE
MS SOFTWARE ENGINEERING



SCS Dean's Masters Student

Advisory Board Council,
Feb 2020



1st Place Money Table,
Carnegie Mellon University,
Nov 2019



1st place – Apprentice Project,
Carnegie Mellon University,
Sep 2019



2+ years of experience in
software development and
managing the core team



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EDUCATION

MASTER'S IN SOFTWARE ENGINEERING

Carnegie Mellon University, Pittsburgh, PA
3.68 / 4.33 | Aug 2019 — Dec 2020

Courses

Architectures for Software Systems
Analysis of Artifacts
DevOps: Modern Deployment
Engineering Data Intensive Scalable Systems
Managing Software Development
Models of Software Engineering
Methods: Deciding What to Design
Entrepreneurship and Innovation Technology

BTECH IN COMPUTER SCIENCE

GGSIU, Delhi, India
Aug 2013 — June 2017

WORK EXPERIENCE

GRADUATE TEACHING ASSISTANT

Carnegie Mellon University / Jan. 2020 — Present

Working with [Babs Carryer](#) in Entrepreneurship and Innovation in Technology (14815)

- Mentor students on their “Apprentice Project” and “My Startup” projects
- Participated in Investors Meeting at Blue Tree Allied Angels Group

LEAD DEVELOPER

Zerone Microsystems Private Limited / Nov. 2018 — May 2019

Zerone Microsystems is the inventor of ZPI (Zerone Payment Interface) Technology, a cross-platform mobile app for frictionless payment between smartphones. The company has developed proprietary algorithms ZPI Technology has enabled smartphone to smartphone payments.

- Developed the ZPI2.0 protocol based on BLE, which enabled the exchange of any information across iOS and Android 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's bank to architect and develop iOS and Android applications from scratch and created server using the serverless framework on AWS.

SENIOR DEVELOPER

Zerone Microsystems Private Limited / July — Oct. 2018

The Visitor management system received recognition from the Resident Commissioner in a press conference ([link](#)), and media coverage ([link](#)).

- Presented offerings to VCs in 2nd International Entrepreneurship Conclave, Nepal
- Scaled the Visitor Management System and Guest management Systems for 50% shorter query time.
- Added analytics dashboard to judge the trends and frequency of guests.

SOFTWARE ENGINEER

Zerone Microsystems Private Limited / June 2017 — June 2018

I was the first employee of the startup and worked on Visitor Management Sys.

- Created the VMS using React.js, Socket.io (web portals), Node.JS, MongoDB (server), Android, Swift (mobile applications).
- Developed multiple prototypes from the base technology on iOS and Android Platform

SOFTWARE DEVELOPER INTERN

Gaia Smart Cities / June — July 2016

Gaia helps enterprises manage and optimize operations AI+IoT powered Enterprise SaaS Platform - SmartFeedback.

- Developed an Android application for a prototype smart weight scale.
- Worked with the CTO to mentor new android developers on their prototype projects.

ACADEMIC PROJECTS

THIRDEYE GLASSES - HELPING VISUALLY IMPAIRED NAVIGATE

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 and presented business model, financial model, and milestones in-front of angel investors ([link](#)), as part of “My Startup” project in the Entrepreneurship course, where I acted as the CEO and Co-founder.