

Ankur Saikia

Updated August 31st, 2020

(312) 826-2968

ankur19.github.io/profile

asaikia@hawk.iit.edu

EDUCATION

Illinois Institute of Technology Chicago, IL

August 2019 – May 2021

- Master of Science in Computer Science, 3.75 GPA
- Operating Systems, Intro to Algorithms, Advanced Database Organization, Software Management, Science of Programming

EXPERIENCE

Advicent – Software Engineer Intern (Angular.js, ASP.NET Core, Azure) Milwaukee, WI

June 2020 – Present

- Introduced a 3rd party widget to Naviplan client portal, with 10000+ daily visits by financial advisors and clients (Angular.js)
- Streamlined Naviplan's account aggregation framework & refined a ASP.NET Core microservice supporting 10+ secure APIs
- Pioneered a modular, logging and error handling middleware system used for 30% of interfacing applications
- Collaborated with team in technical design sessions, estimations, code reviews, and deployment of Naviplan Premium v20.3

IBM – Software Developer – Microservices (Java, Spring MVC, JSP) Bangalore, India

March 2016 – June 2019

- Performed full stack functions, transformed a legacy webapp to microservices and improved page load/reload time by 20%
- Spearheaded a team of 4 to create a Selenium based testing framework, and eliminated 70% dependence on paid software
- Designed and developed a logging tool using Python and boosted defect triage by 2 to 3 additional defects per tester

Udacity – Classroom Mentor – Freelance Bangalore, India

February 2017 – June 2019

- Resolved technical queries and mentored a cohort of 60+ students, maintaining a 4.5+ star rating
- Doubled student engagement through well textured course materials and live sessions for Cloud Dev Nanodegree cohorts

PROJECTS

Chords Maker

Desktop app built in Electron for guitarists to discover new chord positions (Electron.js, React.js, Node.js, C++, JavaScript)

- Engineered a native C++ Node module with JavaScript and NPM and sped up calculations by 2-3%
- Incorporated visualizations, and a user-friendly settings panel

A Trip A Day

<https://atrip.tech>

Outing planner providing data (distance, rating, time to travel etc.) about popular tourist spots nearby (React, Maps API, Heroku)

- Leveraged Google Maps API to populate and organize nearby places
- Minimized time to market using Heroku CI/CD pipeline and Git

Path Finder

https://ankur19.github.io/path_finder

An algorithm visualizer to visualize how common path finding algorithms calculate shortest path from source to destination (JavaScript, jQuery, async)

- Engineered 90% of algorithms (path finding, maze, tree traversal, wall etc.) and animations utilizing vanilla JavaScript with jQuery & Bootstrap

Electronic Vendor Website

A demo vendor website to buy/sell electronics with subcategory wise filtering and search (PHP, HTML/CSS, Bootstrap, Oracle SQL)

- Conceived a complete & functional database in Oracle SQL and deployed it to on-premises college server
- Expanded base functionality to allow automated restock & reordering

More Project Info@ <https://ankur19.github.io/profile>

SKILLS

Languages

C++, JavaScript, Java, Python, SQL, HTML/CSS

Technologies

React.js, Node.js, MERN stack, Electron.js, Redux, ASP.NET Core, MVC, Material UI, AWS

INVOLVEMENT & RECOGNITION

- **Uncommon Hacks – 2020**
Best use of MongoDB category winner for a student productivity app – sTutor
- **Founded www.gyanarjon.tech**
Delivered educational video courses in Assamese language through YouTube integration
- **IBM Eminence & Excellence**
Won award in 2018 for contributions to creation of an open source test framework leveraged across teams