Anirudh Belwadi

anirudhbelwadi.com · anirudh.belwadi@gmail.com · +1 (412) 909 9035 · linkedin.com/in/anirudh-srinath-belwadi · github.com/anirudhbelwadi

EDUCATION

Carnegie Mellon University, Heinz College, Pittsburgh, PA   August 2024 – December 2025
Master of Information Systems Management (GPA: 3.44)
- **Courses:** Advanced Relational Database Management, Web App Development, Distributed Systems, Object Oriented Programming in JAVA
- Research Assistant in Safe AI Lab under Dr. Ding Zhao. Revamped lab website & created ReactJS UI for energy chatbot interaction and dataset visualization using kepler.gl. Improved overall website performance metric from 75% to 89%; Reduced LCP significantly by 77.34% (3.5s to 793ms)

Mumbai University, Mumbai, India   June 2018 – June 2022
Bachelor of Engineering in Computer Engineering (GPA: 8.8/10; WES evaluation: 3.73)
- Tech Head at Indian Society for Technical Education (ISTE), Tech Coordinator at Institution of Electronics and Telecommunication Engineers (IETE)
- Campus Lead & Administrator of Google Developers Student Clubs where I built a strong tech community of 400+ enthusiastic developers
- **Key Achievements:** "Most Enterprising Student" Award in the First Year, 2018-2019; "Student of the Year" Award in the Final Year 2021-2022

SKILLS

- **Languages, Frameworks & Libraries:** Java (Spring Boot), Python (Flask), JavaScript (ReactJS, Next.js), jQuery, HTML, CSS (Bootstrap)
- **Databases:** MySQL, SQLite3, Oracle SQL, PostgreSQL
- **Cloud & Tools:** AWS (Amplify, S3, EC2), Microsoft Azure DevOps (Boards, Repos, Pipelines), GCP (IAM, Cloud Storage Buckets, OAuth, Virtual Machines), Firebase, Red Hat OpenShift, Kubernetes, Zookeeper, Redis, Git, GitHub, JUnit (Java), VS Code, IntelliJ IDEA, Postman

PROFESSIONAL EXPERIENCE

Reliance Jio Platforms Limited, Mumbai, India   July 2022 – April 2024
Full Stack Developer
- Contributed to MyJio application, the flagship product of Jio, while working on multiple JAVA Spring Boot micro services and ReactJS & Next.js UIs to facilitate mobile recharges and bill payments; Managed deployments over Red Hat OpenShift Kubernetes clusters
- Prepared API contracts for client application developers to facilitate proper communication with microservices
- **Key Achievement:** "Spotlight Award" – For going above and beyond normal duties and exhibiting a high level of team collaboration

Team FullStack, Mumbai, India   March 2020 – July 2022
Founder & CTO (teamfullstack.in)
- Trained 200+ students in digital services, meeting industry needs while developing their skills in Full Stack Development, Design, and Marketing
- Supported the National Skill Development Corporation of India (NSDC) for managing CSR projects of global companies like LTI and TCS
- Mentored and helped the growth of 16 interns through training and hands-on development during this tenure
- **Key Achievement:** Awarded 1st place in Global Student Entrepreneur Awards. Qualified and participated at their National finals in Vizag, India

Cardinal LCA, Delhi, India   July 2021 – May 2022
Front End Development Intern (cardinal-lca.github.io/website)
- Revamped the website's design, functionality, and accessibility, leading to a 10x increase in monthly visitor traffic; Hosted on AWS Amplify for CI/CD
- Developed APIs for integrating a Rhino Plugin and a database for pulling data parameters required for LCA calculations

HaleAI, Mumbai, India   March 2020 – June 2021
Full Stack Development Intern
- Developed web applications on Flask for the detection of COVID-19, Brain Tumor, Tuberculosis, Diabetic Retinopathy, and Fatal Brain Diseases
- Used AWS S3 storage to store uploaded files for lighter application weight & AWS EC2 to deploy the web applications

PROJECTS

Pittsburgh2Peers   July 2024
Student Resources Application (pittsburgh2peers.vercel.app)
- Developed an application using ReactJS and Flask to sort out a lot of the logistics of getting settled in while moving as students to Pittsburgh
- Rapidly onboarded 300+ users to the app solving requests for airport cab-sharing & U-Haul-sharing challenges in just one week

Gulf Services & Industrial Supplies LLC, Muscat, Oman   June 2022 – July 2022
Inventory Management System (gsistesting.pythonanywhere.com)
- Developed a system to provide functionalities to different types of users and handle transactions of 25,000+ line items in 18 inventory locations
- **Key Achievement:** This project helped save close to 300 man hours in a year, required to audit all transactions done in the inventories

Harvard Office for Sustainability, Cambridge, MA   April 2022 – May 2022
Assembly Performance Analyzer Tool (assemblyperformance.pythonanywhere.com)
- Analyzed industrial data to predict construction assembly impact on operational & embodied carbon, varying cross-sectional materials and thicknesses
- Developed a web application that integrated a database and an ML model for Assembly Performance Analyzation

AWARDS AND ACHIEVEMENTS

AEC Hackathon @ BLOXHUB, Copenhagen (learncarbon.github.io) (bit.ly/LearnCarbonResearchPaper)   October 2021
- Developed a Rhino Plugin that would predict the Global Warming Potential from abstract designs of buildings using Machine Learning models
- Won the title of "Best project to solve a big AEC problem" out of the top 13 teams
- Technical Paper got selected for Education and Research in Computer Aided Architectural Design in Europe (eCAADe) 2022 conference, Belgium

Covid-19 National Bioinformatics Online Hackathon for Full Stackers (github.com/covidtracker192/KASH)   April 2020 – May 2020
- Finished in top 10 teams where I led a team of 3 full stack developers to develop an Android app to assist the then-ongoing pandemic situation
- Developed features like COVID alerts, access to nearby testing centers and emergency contacts, and a healthcare worker UI for providing test results