

ARCHIT CHECKER

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EDUCATION

Ashoka University

B.Sc. (Honours) Computer Science
Department of Computer Science

Aug 2017 - May 2020

CGPA: 3.86/4

Major CGPA: 3.87/4

WORK EXPERIENCE

Amuse Labs

Senior Software Engineer

Jan 2024 - Present

- Led development of a Multi-puzzle game picker, increasing loads by 51.5% and engagement hours by 96% for underplayed games.
- Revamped backend JSP/AJAX architecture to improve maintainability and provide APIs to customers.
- Re-implemented the Wordflower game with additions such as Milestones and Hints features, boosting loads by 12.5% and engagement by 8%.

Software Engineer

Jul 2022 - Dec 2023

- Built Jigsaw for PuzzleMe™ end-to-end, serving 50K+ weekly users with 4-player multiplayer.
- Created the Trends™ dashboard, cutting business data review times by 50%+.

Software Engineering Fellow

Sep 2020 - Jun 2022

- Set up the monitoring, alerting, and log parsing infrastructure enabling a 99.9% uptime for PuzzleMe.
- Led a major migration of the platform from Linode to Google Cloud Platform.
- Engineered platform-wide security and performance improvements, ensuring reliable service for over 500K daily users.

PROJECTS

HearMyCI

Dr. Michael Burger, Lehigh University, Pennsylvania

May 19 - Aug 19

- Built a prototype web app (Django/Python/PostgreSQL) for cochlear implant simulations using signal processing algorithms and supported user profile customization.

ClassifierC

Dr. Goutam Paul, Indian Statistical Institute, Kolkata

Sep 18 - Nov 18

- Implemented Naive Bayes and K-Means in C, matching Python library accuracy on standard datasets.

AWARDS AND HONORS

- Received the Ashoka Computer Science Bronze Medal for Academic Excellence. Jun 20
- Received the Ashoka Computer Science Service Excellence Award for exemplary leadership. Jun 20
- Qualified for the Regionals - ACM International Collegiate Programming Contest (ICPC). Nov 19
- Winner of the first prize in IIM Indore's Leadership competition - Chaitanya. Sep 18

TECHNICAL SKILLS

Programming Languages
Frameworks and Tools

TypeScript, Java, JavaScript, Python, C, Shell, HTML/CSS, MySQL
jQuery, GCP, Docker, Django/Flask, Nginx, Zabbix, SQL, Locust

LEADERSHIP

- Computer Science Academic Representative for the Ashoka Academic Advisory Board. 2019 - 20
- CS Curriculum Developer for Neev Program (to teach CS to underprivileged children). 2019