

Amitha Lingala

Software Developer



amithalingala<at>gmail.com

<https://exeami.com>

Skills

Languages

C#.Net, C, Java, Robo, Python, C++

Tools

JIRA, Visual Studio, Eclipse, UI spy, Construct 2, Wireshark, Android studio

Frameworks

Robo Framework, LibGDX, Bulma

Versioning

Perforce, GIT

Web Development

HTML5, CSS, Javascript

Education

University of Liverpool

Master's in Advanced Computer Science (2021-2022)
Current Aggregate: 85.4%

Osmania University

Bachelor's in Computer Science and Engineering (2012-2016)
Aggregate 77.9%

Coursework

Advanced Algorithmic Techniques
Research methods in Computer Science
Multi-Core Multi-Processor Programming
Privacy and Security
Machine Learning and Bioinspired Optimisation
Data mining and visualisation
Computational Intelligence
Safety and Dependability

Awards

Active Member of Corporate social responsibility(CSR)
Organiser to Krithi Art Club
Contribution to Cancer Aid Society India

Summary

Result-oriented professional with more than 4 years of experience in Software Design, Architecture, Development and Integration. Machine Learning enthusiast and interested in Data Privacy and Security.

Work Experience

Feb-May'21 Demonstrator *University of Liverpool, Liverpool, UK*

- Demonstrated a Module called "Complexity of Algorithms". The responsibilities involved analysis and explanation of the algorithms along with grading the assessments.

Nov'17-Dec'20 Software Engineer *HP Inc., Bangalore, India*

- Undertook ownership of Test Framework development for a module with a team of 4 to complete development as per the requirement within strict deadlines.
- Developed a report generation tool in C# which converts the raw output into an easily analyzable view with beautiful UI that heavily reduced debugging time.
- Developed Data-Driven TestCase Generation Tool in C# which saved 80% of TestCase development effort.
- Built Applications and developed optimized solutions by coordinating with teams that are across the globe to deliver the requirements.

Jun'16-Oct'17 Software Engineer *Samsung R & D Institute, Bangalore, India*

- Contributed to the design and development of scalable and modular software products.
- Developed and maintained windows utility program that does remote program execution and configuration for printer drivers.
- Developed tool using the white library to automate Printer and Scanner Driver UI that helped in overall quality control of printer features.

June-July'15 Internship *Rikta Technologies, Hyderabad, India*

- Developed mobile games named UP, which works on user reflex and My Destination, in which the user must drive difficult paths.
- Developed using Construct2 and Visual studio.

Personal Projects

Cops&Robber Developed a turn-based 2d platform game where multiple cops try to capture a robber. Developed using Java and LibGDX.

ExeAmi Personal website which has a desktop inspired UI. Developed using vanilla javascript, CSS 3 and HTML5

ExeAmi-Blog Blogging mostly on Data Privacy and Security. Developed using Vanilla JS and Bulma CSS framework.

Golden Shoe A e-commerce website for imaginary shoe company Gloden shoe. Developed using vanilla javascript, CSS 3 and HTML5 for front-end and Python flask for back-end.

FLib A work in progress website as a Free (as in Freedom) alternative to Wattpad. Developed using Vue.Js and Buefy.

Organizational Achievements

April'20 Recognized by HP Leaders for being an extra achiever with a prestigious HP Recognition program for "Making it happen".

Mar'19 Winner of HP Embrace New Technology Hackathon 2019 for the exemplary performance.

Oct'16 Achieved Samsung Competency Certificate Advanced Level Coding Test contributing towards the goal of Samsung R & D.