

# Ashween Ramakrishnan

Tamil Nadu, India | (+91) 7708386347 | ashween.ramakrishnan@gmail.com

[LinkedIn](#) | [GitHub](#) | [Website](#)

## EDUCATION

### The University of Adelaide

Master of Computer Science

Adelaide, Australia

Incoming (Semester 2, July 2024)

### Amrita Vishwa Vidyapeetham

Bachelor of Technology in Computer Science and Engineering

Coimbatore, India

2016 - 2020

## SKILLS

- **Languages:** Python, Java, JavaScript
- **Databases:** MySQL, MongoDB
- **Web Technologies:** HTML, CSS, Node.js, jQuery
- **Version Control:** Git, SVN
- **Frameworks:** Spring, Hibernate, Velocity Template, PHP
- **Other:** Rest APIs, Software Design, Database Design, Jenkins, Jira

## EXPERIENCE

### EduBrite Systems, Inc., now part of LinkedIn - Payroll by Mannara Technologies Pvt. Ltd.

Remote

A California-based company that provides a learning management platform for businesses

#### LinkedIn - Software Engineer / Contingent Worker

Jul 2022 - Present

- Developed and enhanced QR code functionality using jQuery libraries and integrated it with the test module to prevent cheating, resulting in a **50% reduction** in reported misleading practices.
- Implemented a custom invoice and checkout flow for the Salesforce LMS project, **Trailhead Academy**, using Java, CyberSource, and JavaScript APIs with CSRF tokens, contributing to improved revenue tracking.
- Designed an algorithm using Java and Elasticsearch to recommend the most relevant courses based on course priority to users, resulting in a **2x increase** in course purchases.
- Provided technical support for the Salesforce project, including developing scripts to export data for winding customers, showcasing collaboration and adaptability with cross-functional teams in meeting deadlines.

#### EduBrite Systems, Inc - Full Stack Developer

Oct 2020 - Jun 2022

- Developed custom web pages for **Salesforce** and **VMware** using Java, Velocity, Spring, Hibernate, JavaScript, HTML, and CSS, aligning with the EduBrite LMS product, resulting in an improved learning platform.
- Designed and implemented an email service algorithm in Java for clients, enabling personalized emails and email templates for different actions across the platform.
- Optimized MySQL database queries and schema design as a part of the enhancement of the user experience, resulting in a **30% reduction** in query execution time.

### ICU Medical India LLP

Chennai, India

A California-based company that develops, manufactures, and sells critical care applications

#### Python Developer Intern

Feb 2020 - Jun 2020

- Automated testing for the Smart Infusion Pump, Plum 360, using Pytest scripts, increasing **code coverage to 90%**, contributing to product reliability and safety.

## PROJECTS

- **Email Automation Script:** Developed a Selenium WebDriver script with Python for email automation during a college festival, resulting in **sending over 1000 email invites** to businesses.
- **File Backup API:** Designed an API using Google API and cron job scheduler for periodic backup of DB files to Google Drive, resulting in **100% cost savings** by transitioning from a paid SQL server to a free SQLite DB.
- **Car Rental System:** Built an end-to-end rental system enabling users to add, remove, return, or book a car.