

Reshu Singh

Last Updated on 6th October 2023

☎ +44 7436990974 @ er.reshusingh@gmail.com

Education

UNIVERSITY OF BATH

MS IN COMPUTER SCIENCE

📅 October 2023 📍 Bath, UK

- Dean's Award for Academic Excellence
- Worked as Teaching Assistant

INDRAPRASTHA UNIVERSITY

BTECH IN ELECTRONICS

📅 July 2019 📍 New Delhi, India

Graduated with first class

Links

🐙 GitHub **sreshu**

in LinkedIn **reshu-ai**

Coursework

GRADUATE

Databases

Software Engineering

Research Methods

Entrepreneurship

Statistical Learning

Functional Programming

Artificial Intelligence

Dissertation: Student Feedback

Analysis using NLP methods

Experience

SOFTWARE ENGINEER

ADDVERB TECHNOLOGY

📅 October 2019 – October 2022

📍 Noida, Delhi-NCR

- Implemented logic for automating the calibration process of the pick-and-place module.
- Developed and designed User Interface for the the client.
- Led the migration of modules to the cloud, boosting team performance by 10X.
- Provided crucial support to Quality Assurance team in building compelling evidence for software safety cases. Within my collaborative team, I ensured the successful development and rigorous testing of critical software applications, boosting team performance by 2X.

SUMMER INTERN

DEFENSE RESEARCH DEVELOPMENT ORGANISATION

📅 Jun 2018 – Jul 2018

📍 New Delhi, India

- Used Django to connect with SQL backend with SQL Server 2012.
- The webpage was made out of ReactJS with UI elements from Figma.

Competitions

SMART INDIA HACKATHON

📅 Jan 2018 – March 2018

📍 Mumbai, India

- We had a team of 6 people under the alias 'The Aimers' everyone had different skill sets we developed a website and a mobile app
- After passing all the three rounds, our team was declared the winner of our question set. We won prize worth 750 pounds.

Skills

PROGRAMMING

Python • C/C++ • Data Structures •

HTML/CSS • Java • JavaScript • SQL

DATABASES

PostgreSQL • MySQL

WEB TECHNOLOGIES

React • Typescript • Go • Ruby on Rails

CLOUD DEPLOYMENT

Google Cloud Platform (GKE) •

Terraform • CircleCI

Honors

WIT WACKATHON WINNER

UNIVERSITY OF BATH

My team won the hackathon in

"Accessibility" track sponsored by iO

Associates EU/UK

EXCELLENCE SCHOLARSHIP

UNIVERSITY OF BATH

Awarded to international students

who have achieved the equivalent of

a UK first class bachelors' degree.

Recent Projects

MINDFULNESS AI

UNIVERSITY OF BATH

📅 February 2023 – April 2023

📍 Bath, UK

Developed a web-based AI-powered platform to support individuals with mental health concerns using chat-based and personalized treatments.

NAV-EYE-GATE

UNIVERSITY OF BATH

📅 March 2023

📍 Bath, UK

Developed a mobile application providing audio descriptions of bathrooms for visually impaired individuals using QR code technology.

EMPLOYEE DATABASE SYSTEM

UNIVERSITY OF BATH

📅 Nov 2022 – Dec 2022

📍 Bath, UK

Developed a comprehensive employee database system with CRUD (Create, Read, Update, and Delete) operations and complex table manipulations using Python API.