Amandeep Singh

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EDUCATION

Delhi Technological University	Delhi, India
Bachelor of Technology in Electronics and Communications CGPA : 6.16	*July 2016 – June 2020*
Amrita Vidyalayam	Delhi, India
AISSCE (Class XII) Percentage : 91	*April 2014 – May 2016*
Amrita Vidyalayam	Delhi, India
AISSE (Class X) CGPA : 8	*March 2014*

EXPERIENCE

Software Engineer Intern at CRIB (Back-end) | *Mar 2023 - Sept 2023*
- On-boarded onto back-end team of Crib, understood business model and the payment life-cycle.
- Learned about the back-end architecture and various infrastructure pieces like Amazon SQS, EC2 and Lambda.
- Understood the already existing Cashfree Payments v1 apis integration and identified the relevant code changes required to upgrade to v3 version.
- Understood the v3 documentation and collaborated with Cashfree Payment developers to successfully upgrade to v3 apis.

PROJECTS

Flask Blog App | *Python, Flask, SQLite*

* Developed a blog web app using Flask and SQLite as the major frameworks.
* Implemented **CRUD** operations, empowering users to seamlessly create, edit, and delete their blog posts, enhancing user engagement and interaction.
* Implemented field and form level validation on the various forms used across the blog.
* Enhancing security by incorporating Session Management through Flask Login Manager, facilitating robust authorization and authentication functionalities for a secure user experience

Movie Review Application | *React, SprintBoot, MongoDB*

* Developed a interactive web app which displays various movies, their trailers and also allows users to submit their reviews for any movie.
* Implemented the backend using JAVA SpringBoot which provide endpoint to get movies, get/add reviews.
* Used React to develop the UI of the Web App
* MongoDB is used as the database to store information pertaining to movies and reviews.
* Implemented JWT authentication and session management using SpringSecurity framework

TECHNICAL SKILLS

Languages: Java,JavaScript,Python, SQL
Frameworks:Nest Js,Springboot, Flask, SQLite, LoginManager, BCrypt, Bootstrap
Tools and Dependencies: MongoDB,Eclipse,IntelliJ
Interests: Data Structures and Algorithms, Full stack development

ACHIEVEMENTS

* Co-authored research paper titled **Comparative analysis of visual recognition capabilities of CNN Architecture enhanced with Gabor filter** as part of B.Tech Final Year Project
* Achieved **Top 5** finish in Amritsar Inter-District Boxing Tournament in 2013
* Public Relations at Engifest, 2019 - Managed a team of 30 individuals to coordinate different event during the fest. Also, contacted hundreds of colleges to participate, attend and compete in the various prestigious competitions and events at Engifest 2019 the Annual Cultural Festival of DTU.
* Achieved **UiPath RPA Developer Foundation certificate** - skilled in UiPath Studio, Orchestrator, and automation basics