

ADHIRAJ JAIN

Software Engineer

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ACADEMIC BACKGROUND

RMIT UNIVERSITY

Bachelor of Software Engineering 2020-2023

GPA: 3.8 (A/HD)

Activities:

- Competitor at 2023 Robocup in Bordeaux France
- Student Engagement Officer @HackMelbourne
- PR Officer @RMIT INDIAN CLUB
- Peer Mentor @RMIT

DLDIV MODEL SCHOOL, INDIA (High School)

Physics, Chemistry, Mathematics, Comp. Science 2017-2019

Score: 87.25%

Activities:

- Head Boy (2018-2019) & Vice-Head Boy (2017-2018)
- President @HASH 6.0 & Vice-President @HASH 5.0

CAREER BACKGROUND

PAPERLESS WAREHOUSING

Development Support Analyst March'23 - Present

- Responsible for constructing, deploying, and managing software's Host Communications SOAP interface across all customer sites.
- Provide client support and advice, develop application features, assisted in scoping and preparing development specifications. Manage version control.

UNIWARE & PAPERLESS WAREHOUSING

Software Development Intern Jan'22 – Feb'23

- Provided client support, constructed a new SOAP interface using the latest tools and technology while ensuring continuity with the previous process flow.
- Developed an API testing application to aid in the implementation of new upcoming features.

CODING NINJAS

Teaching Assistant Internship Dec'20 - Apr'21

- Solving 300+ doubts monthly based on core Data Structures & Algorithms problems and evaluating course projects.

TECHNICAL SKILLS

Proficient with:

Python3 · C++ · Java · Ruby · HTML/CSS · JavaScript · React · Spring Boot · Django · MySQL · PostgreSQL · DynamoDB · Premiere Pro · Lightroom Classic · Photoshop · Filmora

SOFT SKILLS

Outstanding: Leadership skills · Time & Tasks Management · Communication skills · Team Collaboration

CERTIFICATIONS

- The Web Developer Bootcamp 2021 – March'21
- Data Science & Machine Learning Course – June'20
- Data Structures & Algorithms in Python - Dec'19
- Introduction to Python - Dec'19
- Microsoft Office Specialist – May'17

TECHINCAL PROJECTS

RMIT ChatGPTAI Capstone Project - Nov'23

- Aim: The primary goal of the project is to increase CTR (Click Through Rate) by 10%.
- This software will be used to analyse and identify the best performing paid search ad in targeted countries.
- It will help RMIT to test and optimise ad copy by analysing which versions of an ad perform best and adjusting accordingly.
- The project scope was expanded to web scrape ads from all universities around the globe to identify key elements in ads.

PAC-MAN PROJECT - Nov'23

- Aim: To apply an array of AI techniques to play Pac-Man using foundational AI concepts.
- Used informed state-space search like A*, UCS etc., and multi-agent search like minimax and expectimax algorithms.
- Used reinforcement learning such as MDPs, value iteration, Q-learning and probabilistic inference techniques.

FINANCE PROJECTS

WOOLWORTHS COMPANY EVALUATION REPORT – Nov'23

- Aim: Conducting a comprehensive valuation analysis of Woolworths Group to formulate a data-driven investment recommendation report.
- Conducted comprehensive analysis and valuation, using DDM, FCFE models, and comparative analysis techniques to formulate the report.
- Utilized Diverse Valuation Methods such as CAPM, DuPont Analysis, and Relative Valuation techniques, evaluate ROE, and compare company's performance against industry peers.
- Analyzed historical financial performances, industry structure, and macroeconomic factors resulting in substantiated 'Buy,' 'Sell,' or 'Hold' rating.

- To see all the projects, please visit my website.
- Recommendation letters and references can be provided on requests.