RAJNIKANT YADAV

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EDUCATION

B.Tech in Electronics and Communication Engineering
CGPA: 8.3/10.0

📅 2017–2021   📍 Jaypee University of Information Technology

EXPERIENCE

Software Product Developer - I
XLSCOUT

📅 July 2021 – Present   📍 Mohali

- I specialize in API development for PDFs, XLSX, and Word reports generation on the backend side, manage databases (Postgres, MongoDB, ElasticSearch, Google Cloud Storage), and handle Keycloak integration, SSO, and security tokens.
- I design, implement, maintain, debug, and refactor microservices for patent searching and analysis.
- Conducted automated unit testing and developed interactive API documentation for the Backend application.

Research Analyst Trainee
TT Consultants

📅 Feb 2021 – Jun 2021   📍 Mohali

- As a Research Analyst Trainee at TT Consultants, I conducted Novelty, Invalidation, and Infringement searches.

PYTHON DEVELOPMENT INTERN
Conscript HR Advisors Pvt Ltd

📅 May 2020 – Jul 2020   📍 Work from home

- I wrote Python scripts for data scraping and preprocessing, while also contributing to the development of a Job Aggregator.

MACHINE LEARNING INTERN
Olcademy

📅 Sept 2019 – Dec 2019   📍 Work from home

- I was involved in developing a discussion forum for Olcademy.
- I contributed to the development of a Pearson Tests of English Simulator.
- I engaged in web scraping and data preprocessing tasks.

PROJECTS

Ecommerce Website
📅 Sep 2023

- Developed an E-commerce site using Node.js, React.js, and MongoDB. Enabled user registration, login, product management, and secure transactions with JWT. Leveraged AWS for seamless site hosting and efficient data handling
- TOOL- Node js, ReactJs, Mongodb, AWS, JWT, ExpressJs, Axios

Report Generator API
📅 Aug 2021

- Developed a PDF report generator API that takes login credentials and input queries, downloads images and screenshots from a website, generates a PDF from the text and images, and emails the PDF to the user.
- TOOL -Puppeteer, NodeJs, Fastify, MongoDB, PDFKit, Nodemailer

Sentiment Analysis
📅 Nov 2020

- Developed a model to analyze online text for emotional tone.
- TOOL -Pandas, Python, Beautiful Soup, Matplotlib and LSTM.

ABOUT

A software product developer specializing in modern JavaScript, with hands-on experience in software design and application development, and hands-on experience with cloud infrastructure like AWS and GCP. A quick learner with solid time management and multitasking skills, possessing exceptional troubleshooting and problem-solving abilities, empowered to adapt to diverse situations and contribute to personal and collective growth.

TECHNICAL SKILLS

HTML   CSS   REST APIs   AWS   React.js   Data Structures   Web Scrping

Programming Languages

JavaScript ●●●●●
Python ●●●●○
C , C++ ●●●○○

Libraries/Frameworks

Puppeteer   Pdfmake   Apache Echarts   Keycloak   Fastify   Nodejs   PdfKit   google-cloud/storage   Express

Tools and Databases

MongoDB   MySQL   Elasticsearch

CERTIFICATIONS

AWS Architect Associate
Logiclabs Technologies
📅 Nov 2022 - No Expiration Date

Machine Learning
Coursera
📅 Aug 2019 - No Expiration Date

PERSONAL SKILLS

Self Starter   Flexible&Adaptable   Leadership   Communication

EXTRA-CURRICULAR

Crew Member
IEEE
📅 Sep 2018 – Apr 2019

Technical Head
Technovatorz
📅 Oct 2019 – Present
JUIT: Sports Club member