RAJNIKANT YADAV

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in https://www.linkedin.com/in/rajnikant-yadav/ ⚲ https://github.com/rajnikant-yadav

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

- Automated patent searching and analysis webpage with identity and access management, generating well-formatted reports using webpage data. Created and managed databases (Postgres, MongoDB, Elasticsearch, Google Cloud Storage), handled Keycloak integration.
- 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

- Contributed to the development of an Olcademy discussion forum, a Pearson Tests of English Simulator, and engaged in web scraping and data preprocessing tasks.

PROJECTS

Web Automation
📅 Sep 2023

- Automated website interactions using Puppeteer, Express.js, Axios, and Node.js. Deployed on AWS EC2 via Docker containers. API documented with Swagger for clarity and scalability.
- TOOL - NodeJs, AWS, Docker, ExpressJs, Puppeteer, Javascript, Swagger

Ecommerce Website
📅 Nov 2022

- Created an E-commerce site with Node.js, React.js, MongoDB. Features secure user authentication, product management, and AWS hosting for optimal performance.
- TOOL- NodeJs, ReactJs, Mongodb, AWS, JWT, ExpressJs, Axios, Javascript

Report Generator API
📅 Aug 2021

- Server-side report generator API that produces well-formatted, visually appealing PDFs, XLSX, Word, and PPT documents. Utilizes web automation with Puppeteer or retrieves data from APIs to generate reports and delivers them directly to users via email.
- TOOL - Puppeteer, NodeJs, Fastify, MongoDB, PDFKit, Pdfmake, Nodemailer

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 Docker Keycloak Fastify Nodejs PdfKit S3 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