

Abhishek Kumar

Software Developer

+91 6201950855

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abhi.arya97161@gmail.com

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abhimyportfolio.netlify.app

Objective

Dynamic and results-driven Software Developer with 1 year of experience in crafting innovative solutions to enhance system performance and streamline data processes. Proficient in developing robust APIs, optimizing database queries, and building intuitive user interfaces. Committed to delivering high-quality, secure, and scalable software solutions.

Skills

Languages: JavaScript (ES6+), HTML5, CSS3, SQL
Frameworks: React.js, Express.js, React Native, Electron
Databases: MongoDB, MySQL
Tools: Git, AWS, WebRTC, Sequelize, Tailwind CSS
Others: Node.js, RESTful APIs, JWT Authentication, Web Scraping

Work Experience

Software Developer

OMR INDIA OUTSOURCES PVT LTD., Agra

March 2023 – Present

- Developed and optimized APIs using Node.js and Express.js for automating data collection and analysis.
- Integrated secure RESTful APIs with front-end applications to improve user experience and data processing.
- Enhanced MySQL database performance by optimizing queries and indexing strategies.
- Collaborated with UI/UX designers to build responsive user interfaces using React.js and Tailwind CSS.
- Built a secure authentication system with MySQL and JWT for user management and access control.

Projects

Web Data Conversion Backend 4.0

April 2023 – September 2024

Developed a backend system for handling data conversion processes and API integration using Node.js, Express.js, and MySQL.

- Designed RESTful APIs for data conversion tasks, ensuring scalability and efficiency.
- Led backend development and used Git for version control.
- Deployed on the local server and managed with vast amount of data which is approximately equivalent to 1.4 Millions of Data.
- Converted the project to an Electron app for local deployment.

ONSCREEN MARKING WEB-FRONTEND 1.0

October 2024 – Present

Developed a frontend for an onscreen marking system, allowing digital evaluation of examination scripts.

- Built an interactive user interface with React.js and styled with Tailwind CSS.
- Ensured cross-browser compatibility and responsive design for mobile and desktop devices.
- Integrated backend services via RESTful APIs to handle data processing.

Videos Downloader React Native App

January 2024 – February 2024

Developed a cross-platform mobile app for downloading videos and enabling offline viewing.

- Implemented core app functionality using React Native and JavaScript.
- Utilized ‘rn-fetch-blob’ to handle video downloads and file management.
- Added real-time download progress feedback and offline viewing capabilities.

India Tour Backend

January 2024 – May 2024

Built a backend for a comprehensive tour management platform.

- Developed RESTful APIs for tour and booking management.
- Implemented JWT-based authentication for secure user login and session management.

Web Scraper

January 2024 – Present

Developed a web scraper to collect and process structured data from websites.

- Used Node.js, Axios, and Cheerio for web scraping and data extraction.
- Ensured ethical scraping by adhering to site policies (robots.txt) and handling errors gracefully.

Education

B.Tech in Computer Science

Madhyanchal Professional University, Bhopal

September 2019 – September 2023

Graduated with 8 CGPA.