BINAYA KUMAR DAS

Full Stack Developer

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SUMMARY:

Motivated and technically skilled full-stack developer with 2 years + of professional experience in designing, building, and deploying scalable web applications. Proficient in JavaScript, Python, Node.js, MongoDB, and the MERN stack, with additional experience in machine learning. Adept at developing high-throughput APIs and integrating advanced OCR and document editing systems. Passionate about solving complex problems through innovation, technology, and a commitment to excellence.

WORK EXPERIENCE:

Quotus Software Solution pvt.ltd.

Software Developer | January, 2023 - Present

* Utilized the MERN stack to develop scalable software solutions.
* Architected and implemented end-to-end applications, handling frontend, backend, and database integration.
* Gained exposure to cutting-edge technologies, including OpenAI for advanced AI applications, Blockchain for decentralized systems, and Machine Learning to develop intelligent models that drive innovation and efficiency.

PROJECTS:

Chetana.Ai

Developed a MERN-based platform integrating OpenAI APIs for features like chat, code transpilation, and mock interviews with AI feedback. Designed and implemented a dashboard for Superadmins, Admins, and Department Admins to manage user data effectively.
Technologies : MERN stack, openAi Api

PDF Parser

Built a solution to extract data from PDFs using Tesseract OCR, converting the extracted data to JSON format. Designed and implemented table extraction functionality for structured outputs using Python and Node.js.
Technologies : Nodejs , Python , Flask , OCR

OCRPRO.AI

Specific Data Extraction: Used **LayoutLMv3 Docuemt AI model** and fine-tuned it on our own dataset to extract data from documents like invoices and tenders, visualized directly on the document.
Document Editing:Developed a feature to convert PDFs into editable formats, enabling users to make changes and download updated documents. And also implemented history tracking feature to it.
AI Document searching and editing: Integrated **AI agents** to enable **intelligent search** within documents, extracting relevant content for editing. Enhanced user experience by allowing **direct modifications** to AI-extracted content within the document.

Technologies : Nodejs ,Expressjs, socket.io, MongoDB , Redis , Nextjs , Python , Django , Machine Learning , OCR

EDUCATION:

2019 - 2023 | Bachelor of Technology in Electrical Engineering

Raajdhani Engineering College , Mancheswar, bbsr [8.04 CGPA]

2017 - 2019 | +2 science

BJB Junior College , Bhubaneswar , Odisha [66.66%]

SKILLS:

Technical :

* HTML, CSS, JavaScript, Tailwind CSS, TypeScript, React, Next.js , shadcn , nextui, Angular,Redux/Context API, Redux Toolkit , Firebase, Material-UI/Bootstrap , Jquery , Ajax
* Node.js, MongoDB, Mongoose ORM, Express.js, REST API, PostgreSQL, Authentication and Authorization (JWT, OAuth) Linux, Docker, Redis, Nginx , AWS , Ejs , Pug , python , blockchain , solidity , Machine learning , django .

Tools :

* Git , GitHub , Vs code , Slack , Figma , Swagger , Compass , Postman , Replit , Code sandbox , canva

Soft :

* Team Leadership, Problem Solving, Teamwork, Collaboration, Communication.