AKSHAT CHAWLA Backend Developer

+91 9897976962 | akshatchawla1997@gmail.com | ⚰ May 27th, 1997 | portfolio-mu-olive-81.vercel.app/ | github.com/akshatchawla1997 | linkedin.com/in/akshat-sd1/

Experienced developer with expertise in Python, JavaScript,MERN, Wordpress & Shopify specializing in web scraping, data analysis, and automation.

SKILLS

Languages	HTML, CSS, Python, JavaScript, SQL, Wordpress, Shopify
Backend Technologies	Node.js, Express.js, RESTful APIs, WebSockets, Microservices, Serverless Architecture,SQL, PostgreSQL
DEV-OPS	CI/CD, Postman, Redis, AWS-Athena, AWS Lambda, AWS-EC2, AWS S3, AWS IAM, CI/CD Pipelines, Git, Linux, Docker, AWS, Git Actions, Jenkins

EXPERIENCE

Freelancer, *MERN Stack, python Developer* | (Remote)   Dec 2024 - Present
- Independently designed and developed scalable backend solutions using Node.js for various client projects.
- Collaborated with clients to define technical requirements and delivered custom APIs with authentication and security.
- Implemented performance optimizations including API rate limiting, Redis caching, and query tuning.
- Integrated external services and APIs to meet diverse business needs across multiple domains.

Momentus Digital, *Backend Developer (Node.js and Python Developer)* | Onsite (Gurgaon, India)   Oct 2024 - Dec 2024
- Developed & optimized backend services using Node.js for high-performance data retrieval, & authentication.
- Implemented API rate limiting, caching mechanisms (Redis), and optimized queries to enhance efficiency & scalability.
- Integrated third-party APIs, endpoints, and microservices to expand system functionality.

Mobrilz, *Backend Developer (Node.js and Python Developer)* | Onsite (Noida, India)   March 2024 - Sept 2024
- Designed and implemented RESTful & APIs using Node.js to manage large-scale data.
- Developed microservices & containerized applications using Docker to ensure scalability & deployment.
- Set up CI/CD pipelines using GitHub Actions & Jenkins for automated deployments & improved development workflow.

Plutos One, *Backend Developer (Python Developer)* | Onsite (Noida, India)   Dec 2023 - Feb 2024
- Developed intelligent chatbots using Rasa (NLU + Core) for handling lead generation, FAQs, and service queries.
- Integrated Rasa-based chatbots with Google My Business (GMB) and WhatsApp Business API to enable automated customer interactions and real-time query handling across platforms.
- Built and deployed RESTful APIs in Python (FastAPI/Flask) for chatbot interactions, user data tracking, and admin control.
- Implemented frontend dashboards using React.js to visualize chatbot analytics, user engagement, and lead conversion stats.
- Leveraged AWS Athena to query large datasets stored in S3 buckets for analytics reporting and business insights.
- Automated data pipelines and integrated event-based logging for chatbot interactions, improving monitoring and performance analysis.
- Wrote optimized SQL queries and performed schema design for scalable data storage using PostgreSQL and AWS RDS.

PISC, *Backend Developer(Node.js and Python Developer)* | Noida, India   July 2022 - Dec 2023
- Built and maintained scalable backend services using Node.js, Python (Django), ensuring high performance & reliability.
- Optimized RESTAPI performance by implementing efficient database strategies, indexing, & caching with Redis.
- Integrated a wide range of third-party services including payment gateways, authentication providers.
- Designed and deployed intelligent chatbot systems to automate customer support workflows, using Rasa.
- Implemented real-time communication features using WebSocket & Socket.IO to enhance UX in live data applications.
- Collaborated with cross-functional teams (frontend, QA, product) to deliver high-quality software solutions on time.

Resonance International Inc, *Backend Developer(Node.js Developer)* | Dehradun, India   Feb 2020 - Nov 2021
- Developed and maintained backend services using Node.js and Express for internal and client-facing applications.
- Created RESTful APIs and integrated MySQL databases to manage data-driven functionalities.
- Built reusable backend modules to streamline development and reduce redundancy.
- Implemented JWT-based authentication and middleware for secure access control and user session management.
- Optimized API performance by applying caching strategies, indexing, and query optimization techniques.

Freelancer, *Full Stack Developer (WordPress, Shopify, React.js)* | Remote   Feb 2017 - Feb 2019
- Developed and customized WordPress themes and plugins to meet unique client requirements and improve user experience.
- Built and maintained Shopify stores, including custom liquid template modifications, app integrations, and store optimization.
- Created dynamic, responsive frontends using React.js, enhancing UX for modern web applications.
- Integrated RESTful APIs and third-party services to extend functionality across platforms.
- Collaborated directly with clients to understand goals, propose solutions, and deliver full-cycle web projects.

PROJECTS

Boostroom Gaming Platform **| React.js, Python, Django, Express.js, PostgreSQL, JavaScript, Tailwind, AWS**
March 2024 – Dec 2024

- BoostRoom is a gaming service platform offering in-game boosting, coaching, and real-time game stats for popular multiplayer titles.
- Developed dynamic user interfaces with React.js and built scalable APIs using Django and Express.js to support various user flows and real-time interactions.
- Integrated Python-based web scraping solutions to fetch and display live game statistics, enhancing the visibility of available boosting services.
- Established a robust CI/CD pipeline using AWS and GitHub Actions to automate testing, deployment, and production updates with zero downtime.
- Designed and implemented intuitive user and admin dashboards for tracking service requests, transactions, and user engagement analytics.

Neumyth Marketing Affiliate Marketing Platform | React.js, Node.js, Express.js, Flask, PostgreSQL, JavaScript, AWS, Redis, Tailwind CSS
January 2025 - Present

- Developed a full-stack affiliate marketing platform using React.js on the frontend and Node.js/Express.js on the backend, with role-based access control for advertisers, affiliates, and agents.
- Implemented an automated PDF data extraction module using Python Flask, Celery, and Redis to asynchronously extract and process insurance-related data into structured Excel/MIS formats.
- Integrated AWS S3 for secure, scalable document storage and optimized backend performance using PostgreSQL indexing, query tuning, and in-memory caching.
- Built scalable REST APIs and implemented webhooks and third-party integrations for real-time deal tracking and analytics.
- Collaborated with cross-functional teams to gather requirements, prioritize features, and deliver iterative releases using Agile methodologies.

Hasthshilp.com E-commerce Handloom Store **| WordPress, Shopify, Liquid, PHP, JavaScript, HTML/CSS, SEO, UX/UI**
Jan 2018 - Feb 2018

- Designed and customized the WordPress site architecture using Elementor and custom themes to ensure a user-friendly and responsive interface.
- Developed and maintained Shopify storefronts, including Liquid code customizations, product catalog setup, and third-party app integrations.
- Optimized performance and SEO across both platforms by implementing schema markup, lazy loading, image optimization, and meta tag automation.
- Implemented secure and scalable e-commerce functionalities including cart management, payment gateway integration, and custom checkout flow.
- Collaborated with designers and content teams to ensure brand consistency, while using version control (Git) and staging environments for safe deployment.

EDUCATION

Graphic Era University, *Masters in Computer Application* **|** Uttarakhand, India   CGPA: 7.63 / 10.0   May 2019
IMS Unison University, *Bachelors in Computer Application* **|** Uttarakhand, India   CGPA: 6.9 / 10   May 2017