

Pawan Sharma

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WORK EXPERIENCE

Contentstack, Virar, India

Oct. 2021 – Present

Software Engineer 2

- **Marketplace Apps:**
 - **Developed 9 Marketplace Apps handling both frontend and backend from scratch** by deeply understanding product requirements and delivering tailored solutions for diverse categories like **Personalization, Search, DAM, and Translation** platforms such as Uniform, Algolia, Aprimo, XTM, and Wordbee, enhancing CMS capabilities and seamlessly connecting third-party tools.
 - Built a scalable, **microservice-based backend for full-site translation**, allowing users to translate **thousands of pages at once** supporting over **1000+ users** and has accelerated **localization workflows by 60%**.
 - Integrated MongoDB and AWS EventBridge to create a **unified logging system for 25+ Apps**; the system now captures over **200,000+ daily events**, improving overall system observability.
 - **Production Stack:** HTML, CSS3, Node.js, MongoDB, AWS EFS, AWS EventBridge and AWS Lambda
- **Multi-Tenant Server:**
 - Engineered a **multi-tenant middleware solution** using **Node.js**, integrating **Routing, Rate Limiting, Queuing, JWT Signing, and OAuth Authentication**, efficiently **processing 1,000+ API requests per minute** for **50+ customers** and **40+ apps**.
 - **Production Stack:** Node.js, JWT, Redis and MongoDB.
- **Composable Card Generator:**
 - Architected and implemented end-to-end infrastructure for the Composable Card Generator, creating a dynamic website for SXSW and ContentCon that generated over 1,500+ personalized superhero cards.
 - Integrated **Pusher for real-time user updates** and **Bull Queue for efficient batch processing**.
 - **Production Stack:** HTML, CSS3, JavaScript, ChatGPT API integration, React.js, Redis, Node.js and AWS Lambda.
- **Catalyst Counselling:**
 - Collaborated with stakeholders to develop and present POCs for products, successfully managing relationships with 10+ customers, including AFKLM, Microsoft, Informa, and Bose.
 - **Production Stack:** JavaScript, HTML, CSS3, React.js, GraphQL and Next.js.

PERSONAL PROJECTS

Data Storage and Analytics (with Dashboard)

- The Sikkim Government required a system that can allow schools (even remote schools with poor connectivity) to record data digitally and sync data with the main database whenever Internet Connectivity is available. The System also maintains records of data at various levels such as schools, blocks, district and state.
- **Role (Team of 6):** Built School, Exam, and Student modules, plus UX features like import-export to CSV and tabular editable views.
- **Accomplishment:** Won the hackathon; implemented offline mode, internet-based sync, user-specific dashboards, and graphical analytics.
- **Production Stack:** HTML, CSS, PostgreSQL(Master/Slave Replication), Django..

Job Analyzer

- Developed a serverless application using Vercel and ChatGPT's structured mode to analyze resumes against job descriptions. The project identifies gaps, suggests relevant keywords, evaluates the overall match, and generates tailored cover letters to enhance job applications.
- **Example:** [Live Demo](#)

AWARDS & ACHIEVEMENTS

- Winner of [Smart India Hackathon](#) 2020
- Winner of Contentstack Internal Hackathon

EDUCATION

Mumbai University, Vasai, India

Jun. 2021

Bachelor of Engineering in Information Technology, **8.24 CGPA**

KEY SKILLS

Frontend: TypeScript, JavaScript, React.js, Next.js, HTML5 and CSS3.

Backend: Node.js, Express, SQL, MongoDB, AWS Lambda, AWS DynamoDB, AWS SQS, AWS Eventbridge, Python, GraphQL, Docker and Redis.

CERTIFICATIONS

- [Server-side Development with Node.js, Express and MongoDB.](#)
- [Front-End Web Development with React.](#)