PULKIT

New Delhi, India

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EDUCATION

Bachelor of Technology in Computer Science **Gurugram, Haryana, India**
Dronacharya College of Engineering *Oct. 2022 – Present*

EXPERIENCE

Software Engineer **Feb. 2025 - March 2025**
CrowdVolt (YC W24) *Remote, NYC*
- Implemented ESLint and Prettier to enforce consistent coding standards, improving code quality.
- Optimized website performance through code refactoring and asset optimization, enhancing load times.
- Resolved critical bugs affecting user experience and platform stability, ensuring a smooth experience.
- Developed new features based on user feedback and business requirements, improving usability.
- Collaborated with the design team to refine UI/UX and enhance accessibility across the platform.

Full Stack Engineer Intern **April 2024 - Sept. 2024**
Datawavelabs *Remote, India*
- Increased user authentication security by 40% through implementation of JWT tokens and Google OAuth integration
- Implemented cloud account integration with AWS, Azure, and GCP, allowing users to connect and manage cloud services within the application.
- Automated the workflow of running Docker containers for cluster services, providing real-time status updates and improving system efficiency.
- Improved database query performance by 50% by implementing SQLAlchemy ORM and optimizing PostgreSQL queries instead of raw sql queries
- Collaborated in daily standup meetings and effectively managed tasks with minimal supervision, ensuring timely delivery of features.

TECHNICAL PROJECTS

- **Deployit** | *NextJS, Docker, Redis, Ec2, Deployment Pipeline, Shell Scripting* August 2024
  - Built a deployment platform enabling users to deploy repositories with a custom slug URL, featuring automated build and deployment processes.
  - Developed deployment queueing using Redis for efficient task management and streamlined operations.
  - Enhanced performance and scalability by using CDN to serve assets quickly and reliably.
- **VidWave** | *MERN, Typescript, S3, Docker, Video.js (HLS)* August 2024
  - Developed a video streaming platform with upload, transcoding, and streaming capabilities using AWS S3.
  - Designed automatic video transcoding and HLS streaming for optimal playback, leveraging Redis for efficient queue management.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, Python, Java, C++, SQL
- **Backend:** Node.js, Express.js, Hono, FastAPI, GraphQL, REST APIs
- **Frontend:** NextJS, React.js, HTML5, CSS3, Tailwind CSS, Material-UI, Redux, Shadcn/ui
- **DevOps & Cloud:** Docker, AWS (EC2, S3, CloudFront), Azure, CI/CD, GitHub Actions
- **Database & Cache:** PostgreSQL, MongoDB, Redis, Prisma ORM
- **Testing:** Jest, Cypress, Unit Testing, Integration Testing
- **Tools & Security:** Git, JWT, OAuth 2.0, Bcrypt

LEADERSHIP & ACHIEVEMENTS

- **ICPC Amritapuri 2023 Regionalist**: Qualified for the regional round of the global programming competition.
- **Chairman & Web Lead**, Deviators Club: Student-led technical initiative. Hosted a lot of tech events
- **HackKRMU 3.0 AIML Track Prize Winner**: Recognized for innovative AI/ML application.
- **Gurugram University Ideathon Winner**: Secured first place for innovative AI-driven travel solutions, awarded by the Honorable Chief Minister of Haryana.