


Harshit Pant

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Summary

Technical Lead / Technical Manager with 9+ years of experience architecting and delivering scalable, cloud-native web applications. Proven expertise in **microservices architecture**, **REST-based systems**, **cloud-native deployments on GCP (GKE, BigQuery, Pub/Sub)**, and **high-performance backend services**. Strong background in **system design**, **scalability**, **reliability**, and **security**, with hands-on experience across the full SDLC that accelerate delivery and drive business growth.

Skills

- **Frontend:** HTML5, CSS3, React.js, Next.js, TypeScript, D3.js, AgGrid, Angular 2+, Redux, Observables
- **Programming Languages:** Javascript, Python, SQL, Java
- **Backend & Architecture:** Node.js, Express, GraphQL, RestAPI, Redis
- **Cloud & DevOps:** GCP, Docker & Kubernetes (Helm Charts)
- **Design Library:** Bootstrap, Tailwind, Figma, Storybook
- **Database:** PostgreSQL, Redis, and MS SQL
- **AI tools:** GCP Vertex AI (Gemini 2.5 Flash/Pro)
- **Version Control:** GitLab, Git, BitBucket, CI/CD
- **Methodologies:** Agile and Scrum
- **Others:** D3.js, LLM integrations

Professional Experience

Senior Full Stack Engineer

[Aletha Corp](#)

Toronto, ON 05/2024 - Current

Client: Scotiabank Onsite

Tech Stack: HTML5, CSS3, Typescript, Next.js, GCP (Big query, Logging, Monitoring, Pub/Sub (Kafka equivalent), Cronjobs), Kubernetes (Helm charts), SonarQube, UI mockups design, Microservice Architecture, Material design system

- Built AI-powered summarization platform for Scotiabank's Wealth Management division using GCP's **Vertex AI (Gemini)**, automatically generating concise, high-quality transcript summaries for advisors and analysts.
- Integrated **Vertex AI** and **Cloud Storage** into a **Next.js** application to process and store large transcript datasets securely and at scale.
- Lead implementation of a microservices-based architecture with RESTful services, focusing on scalability, reliability, and clean-code practices (**SOLID**) to support distributed systems.
- Designed and led development of a prompt-driven interface, allowing users to select from templated prompt sets tailored to specific team needs, significantly improving summary accuracy and contextual relevance.
- Architected a **file upload** and **storage feature** to support seamless ingestion and summarization of documents, enabling further data science analysis and model training.
- Applied role-based access control (RBAC) to ensure secure, role-specific data visibility across the UI.
- Collaborated with cross-functional teams to gather and analyze business requirements, oversaw development workflows using both **Waterfall** and **Agile** methodologies for efficient project execution.
- Created interactive **mockups**, **wireframes**, and user flow diagrams to ensure smooth navigation and functionality across features, aiding early issue detection and enhancing user experience.
- Initiated and **led the development of a CRM** Single Page Application (SPA) leveraging React.js, Context API, Python (Flask/FastAPI), and MS SQL, streamlining workflows for client tracking, engagement logging, analytics, and billing management.
- Produced **architectural documentation and design artifacts** and led architectural discussions to align engineering and stakeholders.
- **Mentored** engineers and interns, conducted code reviews, and supported onboarding.
- Worked in regulated environments with audit, security, and compliance requirements

Full Stack Developer II

[Loblaw](#)

Toronto, ON 01/2022 - 05/2024

Tech Stack: HTML, CSS, Typescript, React.js, Node.js, Carbon design system, Express.js, Knex, PostgreSQL GCP (Big query, App Engine, Logging, Monitoring, Pub/Sub, Cronjobs), SonarQube, Gitlab, Shell scripting, Microservice Architecture

- Contributed to building responsive web applications using **HTML**, **CSS**, **Typescript**, **React.js**, **Node.js**, **Carbon design system**, **Express.js**, **Knex**, **PostgreSQL**, and **GCP** generating million dollar revenue.
- Built frontend applications using **Microservice** architecture, ensuring effective collaboration, clean-code patterns, and timely delivery of features while maintaining Solid principles.

- Managed every 2 week prod releases, guaranteeing roadmap delivery with **zero downtime** and maintaining operational stability, with a **rollback** and remediation plan in place.
- Developed lazy loading in **React.js**, achieving a 25% increase in user satisfaction ratings.
- Addressed code vulnerabilities and ensured compliance within SLAs by fixing **security issues** reported by Veracode, mitigating potential risks.
- Integrated **SonarQube**, resulting in a 60% reduction in code vulnerabilities and a 30% improvement in **code quality** scores, boosting software reliability.
- Build scripts for development and production using node, npm, webpack/rollup
- Developed **Design System Library** supporting 3 projects, enhancing design consistency, streamlining implementation processes, and faster development of new applications and functionalities for existing applications.
- Reduced manual intervention by 80% by automating daily database exports to **BigQuery** dataset via **cronjobs**.
- Added Gitlab pipeline, unit testing with **jest**, and **storybook** for project stability & Continuous Integration (CI).
- Improved the database performance by **refactoring** PostgreSQL tables, **Indexing** and **Normalization** to improve query response times by 40%, and **batching jobs** resulting in enhanced application scalability and faster data ingestion.
- Developed, maintained, and enforced front-end and back-end code and **confluence** documentation standards.
- Took ownership of multiple releases to production ensuring roadmap delivery with no downtime.

Assistant Manager (Fullstack Engineer)

[LatentView](#)

Chennai, India 06/2021 - 10/2021

- Applied agile principles and methodology in a **scrum** team working for client **Loblaw**.
- Added **Microservice** architecture resulting in a 30% reduction in time to build, manage, and deploy new services.
- Designed **pub-sub architecture** to ingest data into the application.
- Designed multiple React components, confluence documents, building utilities, and responsive user interface.
- Participated in design sprints to tackle complex challenges and develop innovative solutions working in a team.
- Effectively utilized **Jira**, **Aha**, and **GitLab**, to maintain, and troubleshoot the codebase.

Consultant (Frontend Engineer)

[Deloitte Digital](#)

Bengaluru, India 01/2020 - 06/2021

- Worked with HPE (part of their NextGen IT program) to build an **eCommerce** application (**B2B**) and Front-End components with **React JS**, **Redux-Saga**, and **Node.js**, improving application loading speed by 30%.
- Architected and optimized complex, shareable components, ensuring efficient workflows.
- Implemented rigorous testing practices using Jest to maintain code quality and enhance application reliability.
- Integrated performance monitoring tools (**Lighthouse**), identifying and resolving performance bottlenecks, resulting in a 30% improvement in web application loading speed and a 20% increase in user engagement metrics.

Full Stack Engineer

[Wipro](#)

Bengaluru, India 12/2016 - 01/2020

- Enhanced full-stack applications namely CCP Express and Polaris Web UI for **Cisco Networks** with new features, Developed UI components utilizing **D3 Charts** and **Kendo UI** for **data visualization** on the dashboard screen.
- Proficiently engineered and tested high-quality **RestAPIs**, features, and epics and delivered high-quality work.
- Actively collaborated to build Angular **MVC** architecture (Model-View-Controller) and Lua.
- Led efforts in improving accessibility, improving the user interface, and optimizing performance.
- Created a Windows-style File Manager for Polaris Web UI, resulting in a 30% increase in adoption.
- Honored with two prestigious awards: '**Inspiring Performance Recognition**' and '**Wipro Caliber Award**'.
- Excellent communication and interpersonal skills to effectively collaborate with internal teams and clients.

Community Involvement

- [Medium](#) - Contributor to technology articles focusing on full-stack development trends and best practices
- [Stackoverflow](#) - Providing solutions and insights on frontend & backend challenges with 1.5M views

Education

Bachelor of technology in ICE equivalent Computer science Dr. A.P.J. Abdul Kalam Technical University Noida, India