

JATIN SEHGAL

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Jatin is an accomplished software professional with over 8 years of experience, adept at architecting, designing, and developing top-notch software solutions across diverse platforms. His proficiency in agile methodology is complemented by his expertise in web application development with ReactJS, PHP, and Vanilla JavaScript. Jatin is also highly skilled in microservices (NodeJS, Laravel) and serverless technologies (GCP, AWS). His ability to create cutting-edge end-to-end solutions, tailored to varying platform and user needs, while adhering to industry best practices, sets him apart. As a committed and innovative engineer, Jatin consistently delivers outstanding results. Desire to always be learning and staying on top of the latest trends and technologies

EXPERIENCE

OCT 2021 – TILL DATE

SENIOR SOFTWARE ENGINEER (FULLSTACK), LOOPHEALTH

- **B2B Solution Delivery:** Developed and delivered high-impact, scalable B2B solutions and internal applications.
- **Web Application Expertise:** Proficient in creating user-friendly web applications, focusing on employee onboarding, enrolment, and policy management, including super top-up purchases.
- **Integration Success:** Successfully integrated HRMS systems for streamlined onboarding and optimised interactions with TPAs and FreshDesk for claims management.
- **Innovative Support Solutions:** Implemented a WhatsApp chatbot for efficient user support, enhancing the overall user experience.
- **Data-Driven Approach:** Prioritised data-driven metrics for software delivery processes, collaborating with cross-functional teams and achieving world-class results.
- **Optimisation Achievements:**
 - Implemented lazy loading in the Ops portal, reducing app load times by 3000ms.
 - Developed a custom component library, significantly boosting frontend team productivity.
 - Revamped the HR portal's UI/UX within a short 6-week timeframe, addressing a major pain point for the sales team and earning appreciation from HRs and all stakeholders.

MAY 2016 – SEPT 2021

SENIOR SOFTWARE ENGINEER (FULLSTACK), NEBERO SYSTEMS

Responsible for designing, developing, and delivering high-impact, scalable B2B solutions focused on Bandwidth Management and IPPBX Systems for retail, hospitality, and CS/BPO sectors. I led the creation of flexible frameworks to address diverse front-end and back-end development requirements. Additionally, I provided guidance and mentorship to a team of 4 engineers, ensuring the successful delivery of top-notch solutions. My responsibilities included driving innovation, streamlining operations, and delivering world-class results in the projects undertaken.

MARCH 2015 – MAY 2016

SOFTWARE ENGINEER (BACKEND), ZAPPONOMIC LABS

Designed and developed web application for various multinational brands using Javascript and PHP frameworks and CMS.

SKILLS

- ReactJS / Angular
- NodeJS
- Firebase / AWS Lambda
- AWS Cloud, S3, Lambda, SNS, SES
- Segment, WebEngage, CleverTap
- JavaScript / Typescript
- MongoDB
- GitHub / Bitbucket / SVN
- CI/CD
- FreshChat, WhatsApp Chatbots
- HTML / CSS
- MySQL / PostgreSQL
- PHP / Laravel / Cake / CI
- Babel / Webpack / NPM
- Retool

EDUCATION

B.TECH IN COMPUTER SCIENCE, PUNJAB TECHNICAL UNIVERSITY

PAST PROJECTS WITH OVER MILLION DOLLAR REVENUE

ONBOARDING & SUPERTOPUPS SELLING SOLUTION, ENROLMENT

The Enrolment web app streamlines user and dependent policy enrolment, offering easy access to super top-up policies for enhanced health insurance coverage. RazorPay ensures smooth transactions, while an integrated chatbot swiftly responds to user queries, connecting them with live agents when needed. Successful SuperTopUp policy integration significantly boosts revenue. User behaviour tracking via Segment, Redshift, and WebEngage enhances analytics and overall user experience. The Ops portal now boasts a 3000ms load time reduction through lazy loading implementation. Frontend productivity soars with a custom component library. The HR portal underwent a rapid 6-week overhaul, addressing a crucial sales team pain point. The revamped UI/UX design earns praise from sales teams, HR, and stakeholders, elevating overall workflow efficiency.

CLAIM MANAGEMENT SOLUTION, NUCLEUS

A React Web App that efficiently manages claims from various sources, including chatbot and direct submissions at TPAs' end. The app seamlessly integrates with TPA APIs to provide real-time status updates. Additionally, it incorporates WhatsApp notifications to keep users informed about their claim statuses. With its user-friendly features, like filters and other functionalities, the app ensures a smooth and effective claims management process. Through its implementation, the web app has significantly reduced manual work and minimised human errors, resulting in a streamlined claims handling process. Integration with FreshDesk further enhances claims management efficiency, offering proper ticketing, tracking, and other essential functionalities. Overall, this solution has become a valuable asset, improving the accuracy and effectiveness of claims management operations.

FRESHCHAT WHATSAPP BOT, CHATBOT

The FreshChat WhatsApp chatbot enables users to create claims, manage policies, and interact with live agents to resolve queries. This seamless integration offers a user-friendly experience, allowing customers to access a wide range of services, including claims management and policy updates, all through WhatsApp. The chatbot streamlines the process, providing quick and efficient solutions to users' inquiries and enhancing customer satisfaction.

BANDWIDTH MANAGEMENT SOFTWARE, NEBTREE

Web-based solution for defined tree structure in order to divide available bandwidth between various departments, users, protocols and applications powered by asynchronous bandwidth management algorithms that are used to establish either isolated or shared bandwidth pools to achieve optimal results for VoIP, ERP, Email, CRM and other critical enterprise applications.

IPPBX CALLING SOLUTION, NEXBRO

Software based PBX that works with SIP standard based IP Phones, SIP trunks and VoIP Gateways to provide a full PBX solution based on Asterisk, FreeSwitch and Linux.

VISA MEDICAL SYSTEM, SPS HOSPITALS

Web application to schedule an appointment for VISA process for Australia, Canada, NewZealand and UK.