

Chitresh Sharma

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- Graduated from BITS Pilani in B.E. Computer Science, with minor in finance
- Delivering customer-centric products for 6 years, powered by strong technologies and business insights
- Architecting and managing technical products for 3 years, with focus on intuitive user experience
- Expert in transforming ideas to market-ready tech products like Timesheets, Rosters, Scheduling, Credentialing
- Proven expertise in API Integrations for Payrolls, Invoicing, Licensing, E-signatures, Resume parsing

Work Experience

Tech Lead

Apr 2024 - Present

DirectShifts

Ruby, Ruby on Rails, JavaScript, React, MySQL

- Lead the discussions with business teams to gather requirements and decide the direction of products
- Lead the analysis of business impacts and utilized data to arrive at crucial decisions
- Lead the team members to navigate feature and product reviews to arrive at high ROI decisions
- Lead the UI/UX designs and delivered innovative insights to overcome critical challenges
- Built **Invoicing System** with **Quickbooks Integration**, slashing the billing workload by 40%
- Built **Credentialing Dashboard** for efficient document collection, moving applications faster by 20%
- Built **Availability Tracking** to view clinician availabilities and scheduled shifts
- Built **Commenting System** with viewer permissions & mentions
- Architected **Licensing** for clinicians with **Propelus Integration**, introducing a new revenue stream
- Architected **E-signatures** with **Dropbox Sign Integration**, reducing the expenditure by 20%
- Architected **Contract Management** for clinicians with special attention to edge cases
- Architected **Interviewing System** to schedule interviews between the candidates and the employers

Senior Software Engineer

Apr 2023 - Mar 2024

DirectShifts

Ruby, Ruby on Rails, JavaScript, React, MySQL

- Built **Scheduling Module** with approval flows & reminders, removing the manual tracking using excel sheets
- Built **Calendar Component** for react with monthly & weekly views, saving \$10K per year
- Built **Document Viewer** to view and zoom documents without downloading
- Built **Config & Analytics Module** to fetch configs, attach analytics & download reports for any feature
- Integrated **Calendly** to allow clinicians to schedule calls directly with recruiters
- Revamped **Applications Forms** with deal-breakers to automatically decline applications & track preferences

Software Engineer

Dec 2020 - Mar 2023

DirectShifts

Ruby, Ruby on Rails, JavaScript, React, MySQL

- Built **Payroll System** to pay clinicians using UI or excel sheets, reducing the workload of finance by 50%
- Built **Timesheets & Rosters** to track shifts, visits, reimbursements, bonuses with approval system
- Built **Document Service** to categorize and fetch documents based on user, context and permissions
- Integrated **Resume Parser** to help users prefill their profiles automatically, saving 20 mins for each user
- Revamped **Matching Service** of clinicians & jobs, bringing down the processing time from 30 mins to 30 secs
- Added **Locking & Buffering System** for reminders to ensure that users get a reminder only once

Software Development Engineer

Jun 2018 - Jun 2019

NestAway

Python, Data Analysis, AWS Lambda, MySQL, BigQuery

- Built **Tenant Scoring System** to drive better business decisions based on payment behaviors of tenants
- Performed **Data Analysis** to establish contributing factors for scoring tenants
- Built **House Inventory Syncing** for on-demand syncing with third parties, increasing revenue by 10%
- Performed **BigQuery Migration** to remove redundant data, reducing the expenditure by 25%

Software Development Intern

Jul 2017 - Dec 2017

Dell EMC

Python, C++, MongoDB, Redis

- Built **Fault Detection System** using white box coverage metrics to help choose high impact tests
- Integrated it with Data Protection's cloning feature, improving testing efficiency by 15%

Education

B.E. (Hons.) Computer Science

Aug 2014 - May 2018

BITS, Pilani - Hyderabad Campus

- Technology Entrepreneurship Programme - ISB (2016-18)
- National Finalist - Hult Prize India (2017)
- Speed Mentoring - BITSAA Global Meet Dubai (2017)
- BITS2STARTUP coordinator (2017-18)

Minor in Finance

Aug 2016 - May 2018

BITS, Pilani - Hyderabad Campus