Bharti Nagpal

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Summary

Consultant Software Developer with extensive experience in analyzing business requirements, designing and implementing scalable solutions, and leading teams to exceed customer expectations. Seeking to leverage expertise in technical consulting, polyglot web development, solution architecture, and leadership. Based in the Netherlands for the past 7 years with an EU residence work permit.

Work Experience

Appical: Backend Engineer   present

Involved in designing, developing, and maintaining the server-side components of their employee onboarding platform built on Rails.

Cheddar: Senior Software Engineer   Sep'21- June'23

Cheddar is a payments platform that connects directly with bank accounts using OpenBanking. Worked on analysing data from Google Data Studio to inform product decisions and refine features. Provided solution implementation and architecture decisions ensuring scalability. Enhanced features like notifications, admin panel and conducted end-to-end testing.

Tools and Tech Stack: PostgreSQL, Rails, Google Cloud, Flutter, Kubernetes, Protobuf.

Contract based Senior Software Engineer   Nov'18- Aug'21

Contributed to feature development for a digital freight forwarding company, including Search & Book functionality, reporting tools, and integration with Google APIs to streamline workflows. Developed automated CI pipelines and provisioning systems from the ground up for multiple Rails projects.
Tools and Tech Stack: PostgreSQL, Rails, Google Cloud, Angular JS, D3.js, Puppet, Google APIs, Capistrano, Jenkins, Node.js

Catawiki: Backend Developer   May'17 - July'18

Catawiki is an online marketplace to auction special objects. Worked as a developer for their web platform to deliver features aligned with the product (tested using internal A/B framework). Responsibilities included building APIs for Personalized Recommendations. Also worked on maintaining onboarding and registration with auctioneering tools.

ThoughtWorks: Application Developer   Sep '11 - Aug'16

Worked as a Consultant Developer, participated in ThoughtWorks University (TWU 24). Have 5 years of experience as a Full Stack polyglot developer for large scale distributed web applications and RESTful APIs. This involves all aspects from designing a performant backend to improving scalability. Engaged in different projects as a consultant for international clientele.

Projects and Technologies at ThoughtWorks
Online betting platform in UK   (Aug '15 – Sep'16)

Led a team of 6 software engineers in developing and maintaining APIs for an online betting platform. Was responsible for releasing new features, designing architecture of the overall system involving different entities in the football betting domain. Also took care of optimisations needed for better database throughput and overall application performance.
Tools and Tech Stack: PostgreSQL, Rails, Redis, Resque, Vagrant, Go.CI, Git, Puppet.

Bahmni: An open source hospital management system   (Feb '14 – Feb '15)

Worked on the successful implementation of Bahmni at JSS near Bilaspur, Chattisgarh. JSS (Jan Swasthya Sahyog) is a voluntary nonprofit society founded by health professionals committed to providing low-cost and effective health care in rural areas.
Bahmni is a medical health record system built on top of OpenMRS, OpenERP and OpenELIS.
Tools and Tech Stack: Java, Spring, PostgreSQL, JUnit, Angular JS, Vagrant, Jenkins, Git

Client: Property evaluatoion firm in Australia   (Apr '13 – Feb '14)

Creating a valuation ecosystem for properties. Developed a web app to be used by agents across different platforms to find property details, integrate with other third parties to get locality, price and customer specific data.
Tools and Tech Stack: Ruby, Sinatra based REST APIs, Ember JS, Elasticsearch, Spinach, Capybara, Git, HTML

Client: Global Humanitarian Organisation working for Uganda   (Dec '12 – Mar '13)

Worked as a Consultant Developer on integrating two disparate health record systems and reconciling data.
Tools and Tech Stack: Ruby, Django, PostgreSQL, Jenkins, Vagrant, Git

Client: Leading Media House in Brazil   (Dec '11 – Dec '12)

Worked as an Application Developer on implementing the vision to establish a Digital Publishing and Consumption Store. Was involved in the project right after Inception till the successful delivery of same.
Tech Stack: Ruby on rails, Sinatra based REST APIs, Git, Rake, RSpec, Spinach, Cucumber, Go (for continuous integration), Mongo, Puppet, Redis, VCR, Nginx, jQuery, Javascript, HTML, CSS

Others

- Contributed on open source projects. Some of these can be seen on my [Github Profile](#)
- Have been speaker for [Geeknight Gurgaon](#), PinkConf Gurgaon.
- Organiser and coach of Rails Girls in Bangalore, Kampala and Groningen.

Education

Masters of Computer Application (83.05%CPI)   2006-2009
»»Equivalent to Dutch level HBO degree under International Credential evaluation
Bharati Vidyapeeth's Institute of Computer Applications and Management, GGSIPU

Bachelors of Computer Application (79.17% Cumulative Performance Index)   2003-2006
Delhi Institute of Advanced Studies, GGSIPU, Delhi, India