

Bhumil Haria

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Experience

- **Pricebaba, Mumbai** (Apr'15- Nov'16)
Senior Software Engineer
Designed and developed the online data collection/parsing/cleaning system which powers Pricebaba. Built an automated catalog intelligence system for keeping catalogs updated with new products, maintaining inventories etc. Optimized Solr search for pricebaba.com.
Co-developed (process, design, implementation) Pricebaba Clear; built a highly-configurable evaluation engine for evaluating used devices, and API for web and Android.
(Python, Scrapy, Postgres, Apache Solr, Django, sqlalchemy, Redis, Nginx)
- **Microsoft Corporation, Redmond** (Oct'12-Nov'14)
Software Engineer
Developer in the Experimentation and Telemetry Services team (Microsoft Office). Worked on active (synthetic) monitoring and passive (near real-time) monitoring services - critical for monitoring and diagnosing service health issues.

Software Development Engineer in Test
Worked on test infrastructure and automated deployment, testing, monitoring and alerting for various platform components for Microsoft Office client services. Significantly helped improve the automation test configuration (infrastructure) for testing Azure-based services for Office
(C# .NET, Visual Studio, Test Automation, Telemetry)
- **Pricebaba, Mumbai** (Jul - Aug 2012)
Software Developer – Intern
Developed a spell correction engine for accurate search results; module to analyze queries and provide more relevant, intelligent results
(Python, PHP, CodeIgniter, NLP)
- **Microsoft India Development Center** (May -July 2011)
Software Development Engineer in Test – Intern
Developed a modular, scalable test failure analyzer in Windows test environments for automating analysis of automation run failures and providing statistical data, patterns and categorized results
(C# .NET, Visual Studio)
- **Society of Robotics and Automation Laboratory, VJTI** (Jun'10- Apr'11)
General Secretary
Responsible for the management, organization, and the overall government of the Society during the academic year
- **Technovanza '11, VJTI** (Aug'10- Feb'11)
Chief Coordinator
Responsible for the management of events, exhibitions, operations, and administration/logistics (and budget allocation for these) for the technical festival.

Skills

Can work across languages and tech stacks, not tied to any one in specific. Have previously worked with:

- Languages: C++, C#, Java, Python (preferred), PHP, JavaScript
- Databases: IBM DB2, MySQL, Postgres, MongoDB, Redis
- IDEs: Sublime Text, Visual Studio, Pycharm, Eclipse, etc.
- Other technologies: Apache Solr, Django, Nginx, SQLAlchemy ORM, ELK stack (basic; Elastic Search - Logstash - Kibana), Scrapy, deployment tech, React, etc.

Selected Projects

- **Pricebaba Clear**
 - Platform for buying/selling of used devices (phones, tablets)
 - Developed a highly-configurable (for different categories) Valuation Engine for evaluating used devices, to show user estimated prices upfront; and related API for web and Android
- **Online Data Extraction**
 - System consisting of the data extraction, parsing and sanitization pipelines from various online sources (online stores: APIs/webpage scraping). The system extracts data that powers the price updates, product ratings, seller information, payment information, specifications, catalog intelligence, etc. on Pricebaba
 - Ability to request on-demand updates (API calls/crawls) to enable instant price/data refreshes
- **Catalog Intelligence**
 - Created a system to *automatically* update and maintain the super-rich, structured Pricebaba catalog (add/recommend new products, deactivate duplicates, update availability, etc.) to scale and support new categories.
 - Went from 3 to 12 categories in a month after deployment, without compromising data quality
- **GuideMe – Indoor Navigation System for Handheld devices**
 - Project of Dissertation at VJTI – paper published, Android App prototype made
 - Navigation using Accelerometer data (with Stat. correction) to calculate displacement
- **ListEX**
 - Script for easily copying another Twitter user's public list members into your list, or following multiple users at once

Education and Certifications

- **Veermata Jijabai Technological Institute** (2008 – 2012)
Bachelor of Technology in Computer Engineering. CGPA – 7.9 (on 10)
- **IBM Certifications** (*IBM Blue Scholar*)
Certified Associate Developer for RAD, Certified Database Associate for DB2
- **D'Alliance Francais, Mumbai**
Initiation course in French (Delf A1)

Publications

- N. Potdar, B. Haria et al: 'Indoor Navigation using Smartphones'
IJEAT, ISSN: 2249 – 8958, Volume-1, Issue-5, June 2012

Other

- **Natural Languages:** Fluent in English, Hindi, Gujarati; Basic Marathi
- **Training/Mentorship:** Co-organized workshops for basic Microcontrollers, took classes on elementary data structures and algorithms at VJTI
- **Other interests:** Reading, Chess, Traveling, Adventure Sports, Social Sciences

**Last updated November' 16*