

JAIBATRIK DUTTA

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Profile Summary

I am a full-stack web developer having experience in a host of client-side technologies such as HTML, CSS, JavaScript (including libraries like Angular, jQuery, Bootstrap) and server-side technologies such as Java, SQL, NodeJS, NoSQL databases. I have a passion for software engineering and am a technology enthusiast.

Present Status

- Working for **Pegasystems Inc** as **Principal Software Engineer - UI** in **Hyderabad, India**

Work Experience

- **Principal Software Engineer – Pegasystems Inc** (August, 2013 – present)
 - Develop and maintain UI controls and layouts that are used in PRPC UI.
 - Write markup generation logic in **Java** and the client-side framework in **vanilla JavaScript** and occasional **jQuery**.
 - Client-side markup building for UI controls using **Handlebars** templates for offline applications.
 - Analyse and improve performance of UI components, fix memory leaks.
 - Implement keyboard and screen-reader **accessibility** for the UI controls.
 - Develop **responsive** UI for the PRPC application that runs across a variety of devices (desktops / tablets / mobiles) and are W3C compliant.
 - Address **cross-browser** compatibility issues.
 - Write and maintain internal frameworks for validation / AJAX / event handling etc. in **object-oriented JavaScript**.
- **Systems Engineer – Tata Consultancy Services** (November, 2010 – August 2013)
 - Created web components for J2EE ecommerce application using **Java Servlets** and **JSP**.
 - Implemented business logic in application tier using **Java**. Application tier interacted with underlying **Oracle** database via **JDBC**.
 - Used **JavaScript**, **jQuery** and **AJAX** to provide rich user interface.
 - Worked on **PL / SQL** to develop stored procedures and packages.
 - Integrated payment gateway to the web based system.
- **Freelance Web Developer** (2010)
 - Created scalable web based systems using **PHP** and **MySQL**.
 - Developed rich user experience with application of **jQuery** and **AJAX**.
 - Directly interacted with clients based in various geographies (including US, European countries, Australia and India)
 - Provided the solution architecture for the systems to be designed.

Technical Skills

- Languages **JavaScript, TypeScript, Java**
- Web Technology **HTML, CSS, AJAX, jQuery**
Front end frameworks such as **Bootstrap** and **Angular (v2+)**.
Template libraries such as **Handlebars**. Server-side JavaScript in **NodeJS**.
- Other
Experience with **Android SDK** and **OAuth**. Experience with **MVC Frameworks**, version control systems like **Git, SVN**.
Familiarity with basic **Unix commands**.

Familiarity with both **RDBMS SQL** (such as **MySQL**) and Document based DBs / **NoSQL** (such as **Mongo / Redis**). Data query language **GraphQL**.

Soft Skills

Good verbal and written communication, Team membership skills, Leadership

Educational Qualification

- Completed B.Tech. in **Computer Science and Engineering** (2006 – 2010) from **West Bengal University of Technology** with DGPA **8.69**.
- Passed Higher Secondary (10+2) from WBCHSE in 2006 with **88.10%**
- Passed Secondary (10) from WBBSE in 2004 with **84.25%**

Achievements

- Received Innovation award in **Pega Innovation** challenge.
- Selected to represent college in **Infosys Aspirations 2020** programming competition.
- Enlisted for **National Merit Scholarship Scheme 2006** by Government of West Bengal.

Online Presence

- StackOverflow [jaibatrik](#) (3000+ reputation)
- Github [jaibatrik](#) (contribution to 5+ projects)

Projects

- **AngularX-Social-Login**

Web resources

- Website: <https://github.com/abacritt/angularx-social-login>

Utility

- Simple JavaScript based authentication module for Angular 4+ with 150+ github stars and 150000+ downloads.
- Supports Google and Facebook authentication out of the box, extendible to other providers.

Technology

- Angular 4+
- TypeScript
- NodeJS

- **PriceUpdates.in**

Web resources

- Website: <https://priceupdates.in>
- Android App: <https://play.google.com/store/apps/details?id=in.priceupdates>

Utility

- Price tracker for Indian ecommerce websites Flipkart, Amazon India, Snapdeal etc.
- Shows price history of tracked products and sends price drop alerts via Android app and email.

Technology

- Angular
- NodeJS, Express and PM2
- MongoDB and GraphQL
- Firebase
- Android

- **EasyTodo Task and To-do List for Android**

Web resources

- Website: <https://play.google.com/store/apps/details?id=in.abacritt.android.easytodo>

Utility

- Task and to-do list for Android with 10000+ downloads and 4+ rating in Google Play Store.
- Manage tasks categorized in lists categorized with colors.
- Set reminders to tasks.
- Synchronize with Google Tasks.

Technology

- Java, Android SDK
- Google Tasks API, Google Sign-In for Android

- **Word Wizard on Google Assistant**

Web resources

- Website: <https://assistant.google.com/services/a/uid/000000b9aa82e1ed>

Utility

- A simple chatbot for Google Assistant that helps with learning and memorizing new words.

Platform

- Google Dialogflow
- NodeJS, Firebase

- **Imagine Picture Viewer for Windows**

Web resources

- Website: <http://open-image.sourceforge.net/>

Utility

- Simple photo viewer and editor for Windows XP and 7 with 75000+ downloads.
- Basic photo editing like color correction, filters, cropping etc.
- Upload to social media from the app.

Technology

- C# .NET

Hobbies

- Photography
- Reading newsfeeds and articles from Internet
- Reading books

Personal Profile

- Date of Birth: 9th August, 1987
- Nationality: Indian