

## 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 (till ES6), 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 India.

## Online Presence

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

## Projects

- **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

- **AngularX-Social-Login**

### *Web resources*

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

### *Utility*

- Simple JavaScript based authentication module for Angular 4+ with 50+ github stars and 15000+ downloads.
- Supports Google and Facebook authentication out of the box, extendible to other providers.

### *Technology*

- Angular 4 / 5
- TypeScript
- NodeJS

- **Imagine Picture Viewer for Windows**

### *Web resources*

- Website: <http://open-imagine.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

- **PriceUpdates.in**

### *Web resources*

- Website: <http://priceupdates.in>

### *Utility*

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

### *Technology*

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

- **Kundenfeedback Survey Management System**

### *Web resources*

- Website : [www.kundenfeedback.info](http://www.kundenfeedback.info)
- Demonstration : [www.slideshare.net/abacritt/kundenfeedback](http://www.slideshare.net/abacritt/kundenfeedback)

#### *Utility*

- A web based portal where end users will be able to participate in surveys.
- A dashboard for survey administrators where they can see individual responses, get report on specific questions and compare their data with other administrators of same domain

#### *Platform*

- PHP, MySQL
- Joomla CMS

- **Dog House Pet Salon Booking System**

#### *Web resources*

- Website : [www.thedoghouseps.com](http://www.thedoghouseps.com)
- Demonstration : [www.slideshare.net/abacritt/dog-house-pet-salon](http://www.slideshare.net/abacritt/dog-house-pet-salon)

#### *Utility*

- Custom automated booking solution

#### *Platform*

- PHP, MySQL
- Joomla CMS

### **Hobbies**

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

### **Personal Profile**

- Date of Birth: 9<sup>th</sup> August, 1987
- Nationality: Indian