

# Jaibatrik Dutta

Full Stack Developer | Mobile Developer | User Experience Enthusiast

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## Work Experience

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[Pegasystems Inc](#) | *Principal Software Engineer* | August, 2013 – present

- Architect, develop and maintain web-based UI controls, widgets, and layouts used in Pega platform UI.
- Write and maintain client-side web frameworks for validation, AJAX, event handling etc. in **object-oriented JavaScript** and occasional **jQuery**.
- Client-side mark-up generation for UI controls using **Handlebars** templates for offline applications, occasional **web components**.
- Write services, and **HTML** generation code in **Java**.
- Analyze and improve **performance** of UI components, fix memory leaks.
- Implement keyboard and screen-reader **accessibility** for the UI controls.
- Develop **responsive UI** for the Pega application that runs across a variety of devices (desktops / tablets / mobiles) and are W3C compliant.

[Tata Consultancy Services](#) | *Systems Engineer* | 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.

## Education

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- 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%**

## Projects

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[AngularX Social Login](#)

- JavaScript based authentication module for Angular with **250+ Github stars** and **250000+ downloads**.
- Supports Google and Facebook authentication out of the box, extendible to other providers.
- Built with **TypeScript, Angular, NodeJS**.

[PriceUpdates.in](#) | [PriceUpdates.in on Android](#)

- 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.
- Built with **Angular, NodeJS, Express, MongoDB, GraphQL, Redis, Firebase, Android**.

[EasyTodo Task and To-do List for Android](#)

- Task and to-do list for Android with **10000+ downloads** and **4+ rating** in Google Play Store.
- Set reminders to tasks, categorize them in color-coded lists, synchronize with Google Tasks.
- Built with **Java, Android SDK**.

[Word Wizard on Google Assistant](#)

- Simple **chatbot** for Google Assistant that helps with learning and memorizing new words.
- Built with **NodeJS, Firebase, Google DialogFlow**.

[Imagine Picture Viewer for Windows](#)

- 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
- Built with **C# .Net**.

## Technical Skills

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<b>Languages</b>	<b>HTML, CSS, JavaScript, TypeScript, Java</b>
<b>Frameworks</b>	Front end frameworks such as <b>jQuery, Bootstrap</b> and <b>Angular</b> . Template libraries such as <b>Handlebars</b> . Server-side JavaScript in <b>NodeJS</b> . Experience with <b>Android SDK</b> and <b>OAuth</b> .
<b>Databases</b>	Familiarity with both <b>RDBMS SQL</b> (such as <b>MySQL</b> ) and Document based DBs / <b>NoSQL</b> (such as <b>Mongo / Redis</b> ). Data query language <b>GraphQL</b> .
<b>Tools</b>	Version control systems like <b>Git, SVN</b> . Familiarity with basic <b>Unix commands</b> .

## Achievements

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- 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.