



AVIRAL DASGUPTA

Software Engineer & Designer

@aviraldg
+917077100566
me@aviraldg.com

SKILLS

HTML, CSS, Python, JavaScript (ES6/TypeScript), Java, Kotlin, C, C++, Go, Android, Node.js, Django, React, Angular.js, SQL, MongoDB, Redis, Git, Mercurial, Subversion, Docker

EXPERIENCE

- Sep 17 – Feb 18 **Bloomberg L. P., London** **Software Engineering Intern**
Part of the Market & Community Applications group at Bloomberg, working on end-to-end implementation of collaboration-focused terminal functions like NOTE and FILE.
C++, Python, XSD
- Summer 2017 **Plivo, Inc. (YC S12), Bangalore** **Software Engineering Intern**
Responsible for end-to-end development and testing of the next version of Plivo's Node.js, Java, Python and Go SDKs, as well as new tooling for automatic generation of examples, documentation and code from predefined schema. Also worked on framework and components for as yet unannounced visual developer tool.
Java, Python, Node.js, Go, API, Testing, AWS, Flask, SQLAlchemy
- Summer 2016 **Matrix.org** **Google Summer of Code Student Developer**
Worked on a flexible plugin system for the Vector client, a rich text editor based on Draft.js and a Slack Webhook API compatible application service. React, JavaScript (ES6), Go, Node.js
- 2010 – now **Various Organizations** **Technical Consultant**
Consulted for several companies including CrystalMD, WindowShopper, Sahana Software Foundation, SnipClip, and more.

AWARDS & ACHIEVEMENTS

- 2016 & 2017 **Mindfire Debasish Das Memorial IT Quiz** **Winner**
Placed 1st and 2nd respectively in this tech quiz organized by Mindfire Solutions.
- 2015 **Angelhack Vizag** **Grand Prize Winner**
Invited to exclusive Hackcelerator programme and Angelhack's Global Demo Day in San Francisco, for Android testing, user feedback and deployment tools startup, Codeorb.
- 2013 **Syscan Hardcode Secure Coding Contest** **2nd at Singapore World Finals**
Designed & developed Gridlock Exchange, a security-focused ecommerce platform and performed successful penetration tests on competitors' apps.
- 2010 & 2012 **Google Code-in** **Grand Prize Winner**
Awarded grand prize and a trip to Google's Mountain View HQ twice by Google for open source work with Sahana Software Foundation (Sahana Eden - Disaster Management Platform) and Tux4Kids (TuxMath - Educational Game).
- 2011 & 2012 **TCS IT Wiz** **World Finalist**
Placed 2nd and 3rd respectively in the international finals of this very popular technology quiz contest organized by Tata Consultancy Services.

EDUCATION

- 2014 – 2018 **KIIT University, Bhubaneswar** **Bachelor of Technology in Computer Science**
- 2001 – 2014 **Loyola School, Jamshedpur** **ICSE & ISC Pure Science with Computer Science**