AVIRAL DASGUPTA
Software Engineer & Designer

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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

2017 — 2018	***Bloomberg L. P.***	**Software Engineering Intern**

Will be working as a Software Engineering Intern at Bloomberg's London office from September 2017 — February 2018.

Summer 2017	***Plivo, Inc. (YC S12)***	**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*.

2016	***Indiahacks – Online Commerce Track***	**Finalist**

Developed and pitched Ozonetel/Kookoo IVR backed automated delivery tracking solution, TrackShack at *HackerEarth*'s Indiahacks hackathon.

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**