AVIRAL DASGUPTA
Software Engineer & Designer

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SKILLS

Programming Languages: `Python, JavaScript (ES6), Java, Kotlin, C, C++, Go`
Platforms & Frameworks: `Android, Node.js, Django, React, Angular.js`
Database Technologies: `SQL, MongoDB, Redis`
Other Tools: `Git, Mercurial, Subversion, Docker`

EXPERIENCE

Summer 2017 (ongoing) — ***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 tooling for automatic generation of examples, documentation and code from predefined schema.
`Java, Python, Node.js, Go, API, Testing`

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`

2015 — now — ***Codementor*** — **Mentor**
As a featured mentor on Codementor, I've helped many learners and developers master technologies and fix problems in their code in 1-on-1 tutorial sessions.
`Android, Python, React, JavaScript (ES6)`

2010 — now — ***Various Organizations*** — **Technical Consultant**
Consulted for several companies including *CrystalMD*, *WindowShopper*, *Sahana Software Foundation*, *SnipClip*, and more.
`Android, Python, Kotlin, Angular.js, JavaScript, Web2py`

AWARDS & ACHIEVEMENTS

2016 — ***Indiahacks - Online Commerce Track*** — **Finalist**
Developed 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 Global Demo Day for Android testing 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* and *Tux4Kids*.

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**