

Divay Prakash

Operations

Male | 22 years | English, Hindi

Academic Qualifications

Degree	Stream	University / Board	Institute	Year	(% / GPA)
B.Tech	Computer Science Engineering	Indraprastha Institute of Information Technology	Indraprastha Institute of Information Technology (IIIT), Delhi	2018	7.4/10
12 th	Science	C.B.S.E.	The Mother's International School, Hauz Khas, Delhi	2014	92.6
10 th		C.B.S.E.	The Mother's International School, Hauz Khas, Delhi	2012	10.0/10

Key Projects

- **Design of online platform for B2B supply chain management, IIIT Delhi, Delhi** (Jan'18-Apr'18)
 - Created business model for online portal to facilitate **order placement, processing and fulfillment** process for B2B buyers, sellers and ancillaries, providing timelines and end-to-end order tracking
 - Used '**Value Proposition Canvas**' in conjunction with '**Business Model Canvas**' to describe business model
- **Website redesign, IIIT Delhi, Delhi** (Aug'17-Nov'17)
 - **Led team** responsible for redesign of IIIT Delhi ERP website and NPTEL online certification website
 - Implemented front-end website demo, yielding over **40% increase** in user experience ratings
 - Used human-computer interaction methodologies like contextual inquiry, prototyping, low-fidelity design, user testing and high-fidelity design. Currently under implementation in IIIT Delhi ERP system
- **Building Management System, IIIT Delhi, Delhi** (May'16-Apr'17)
 - Worked with team to design and implement pilot project of IoT-based BMS for use at IIIT Delhi
 - Conducted viability testing, hardware/software design, development and integration testing, and web development
 - Responsible for project planning and architecture, day-to-day project management, regular review with stakeholders, maintaining targets and ensuring adherence
 - Achieved **60% reduction** in upfront cost, along with reduction in maintenance frequency and cost
 - Currently under implementation in IIIT Delhi infrastructure
- **Android application development, IIIT Delhi, Delhi** (Aug'16-Nov'16)
 - **Silencio** - Developed application which displayed a map of current noise levels in IIIT Delhi campus built from crowdsourced data, enabling user to find a quiet place to work. Various modules currently in use at IIIT Delhi
 - **SHARK** - SHARing Keys - Developed app for sharing PGP keys using QR codes, along with signing to build Web of Trust
- **Gesture recognition mouse, IIIT Delhi, Delhi** (Jan'15-Apr'15)
 - Designed and implemented prototype for mouse using accelerometer module

Achievements

- **Successful hacker**, GitHub Hacktoberfest (2016,2017)
- **Awardee**, Sh. Dharamveer Gajra Memorial Award for 'positive work in field of IT', The Mother's Intl. School (2014)
- **Gold Medalist**, National Mathematics Olympiad (2012)
- **Scholarship Holder**, Junior Science Talent Search (JSTS) (2010)
- **Scholarship Holder**, National Talent Search Examination (NTSE) (2009)

Positions of Responsibility

- **Mentor, Coursera** (May'16-Present)
 - Mentor for 'Front-End Web UI Frameworks and Tools' course by Hong Kong University of Science and Technology
- **Member, Infrastructure Team, Esya (technical fest) and Odyssey (cultural fest) of IIIT Delhi** (Aug'16-Apr'18)
 - Responsible for management of event infrastructure and sourcing as required

Extra-Curricular

- **Contributor** on GitHub to various OSS projects by Google, Facebook, GitHub, Nextcloud etc. (Jul'14-Present)
- **Volunteer at Udyam Trust**, Teaching middle and secondary school EWS category students (May'15-June'15)
- **Volunteer at The Mother's International School**, Teaching primary school EWS category students (May'13)
- **Other interests** – Driving, Travelling, Technology, Guitar