JOGENDRA KUMAR

Developer · Open Source Contributor

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Education

Indian Institute of Technology (Banaras Hindu University) Varanasi — *Varanasi, India*
Bachelors and Masters in Engineering Physics (Integrated Dual Degree) — *July 2015 - May 2020*

Skills

- **Programming Skills:** Swift, C-Sharp, C++/C, Python, Shell.
- **Web Designing Skills:** Bootstrap, Javascript, SQL, Markdown.
- **Other Technology and Tools:** Git, Xcode, Android Studio, Sketch App, Firebase, Microsoft Visual Studio, Microsoft SQL Server.

Technical Experiences

Google Summer of Code (2018) — *Remote*
Student Developer — *14 May - 06 Aug, 2018*
- Worked on FOSSASIA's SUSI iOS App. Implemented interactive features to the app such as 5-Start rating system, Feedback system, Onboarding screens, New actions support as well as Audio and Video capability. **(Project Report)**
- Connected SUSI iOS client to SUSI Smart Speaker, establishing connection without the help of internet.
- Collaborated with developers, reviewed co-developers code and fixed major issues of the app to ensure the app's functionality.

iOS Developer Intern — *Banglore, India*
Wheelstreet Inc, YC Backed — *2 - 30 December, 2017*
- Developed and Designed the iOS app for Wheelstreet – GO within time constraint of 1 month for **10 million** users.
- Implemented User Registration, Google Map Screen, User Profile, Booking and few other modules by utilizing Google Maps and Places APIs. **(App Store Link) (Source Code Link)**
- Used RESTful web-services to provide connections to backend services and handling data using parsers with JSON format.

iOS Developer — *Remote*
FOSSASIA — *November 2017 - Ongoing*
- Maintaining, designing and developing new features for the iOS Apps in Swift and managing Open Source contributions.

Software Development Intern — *Mohali, India*
Vertex Infosoft Pvt. Ltd. — *01 Jun - 20 July, 2017*
- Worked on ASP.NET Web Forms(aspx), ASP.NET MVC, ADO.NET (for Sql Database), C-Sharp Windows Forms.
- Text processing using iTextSharp library and Syncfusion Control. (Search, Extract, Highlight text within PDF)
- Optical Character Recognition processing on scanned images, Pdfs and particular part of document.

Projects

HealthLedger — *Banglore, India*
Blockchain Application — *October 2018*
- Application for tracking Organs donations in hospitals and minimizing the scope of Organ trafficking using Blockchain (Hyperledger) technology. Developed Hyperledger models, written application logics and designed home page. **(Source Code Link)**

Hostel Portal IIT(BHU) — *Varanasi, India*
Web Portal — *March 2018 - Ongoing*
- Developing Hostel Portal for Indian Institute of Technology (BHU) to manage hostels related work (Mess, Lost-Found, Individual student profile, Grievance etc) on online portal.
- Leading a team of 5+ developers and designers and reviewed their code.

Technex '17 Website — *Varanasi, India*
Website — *Aug. 2016 - Feb. 2017*
- Front-end Development for Technex 2017 website. **(Source Code Link)**
- Wrote maintainable, scalable, responsive, and cross-browser code.

Faculty of Law (BHU) Website — *Varanasi, India*
Website — *July 2018 - Aug. 2018*
- Developed and designed official website of Faculty of Law (Banaras Hindu University). (http://bhu.ac.in/law)
- Deployed website to the BHU Computer Center Servers. **(Source Code Link)**

Other Projects
- **BedgeNotificHub** - A cocoapods for iOS to make any UIView a full fledged animated notification center. **(Source Code Link)**
- Build website (http://www.spardha.co.in/) for Spardha 2017 (Games and Sports festival of IIT Varanasi). **(Source Code Link)**
- Build website (http://www.iitbhumun.in) for MUN(Modal United Nation) 2017, IIT Varanasi. **(Source Code Link)**
- More projects can be found **here**

Open Source Contributions/Mentorship

GitHub: https://www.github.com/jogendra
- Active contributor to **FOSSASIA organization**. Contributed in many big open source organizations. **(Contributions Link)** — *Jan. 2017 - PRESENT*
- **Mentor** at **Google Code-In 2018**. Mentored pre-university students. Interacted with 800+ tasks and reviewed 150+ pull requests.
- **Mentor** at **NJAK Winter of Code 2018**. Mentoring participants from engineering colleges across India.
- Created **4 Cocoapods**, all are open source and available for development use.
- **Mentor** at **Codeheat 2018**. Codeheat is coding contest for FOSSASIA projects on GitHub.
- **GitHub Campus Expert**. Mentored hackathons and delivered seminar/talks as a campus expert in different colleges.
- Mentoring **Google Summer of Code (2019)** students for FOSSASIA.

Achievements / Extra Curricular Activities

- **Joint Secretary** of **The Business Club** for session 2017-2018. Organized workshops, events and talks in campus.
- Awarded with **INSPIRE AWARD** by Department of Science and Technology (DST), Govt. of India.
- Attended **Jugaadfest, Hyderabaad** as a Speaker. Gave talk on **SUSI.AI** project.
- Member of Tech Team Technex 2017 and Tech Team Spardha 2017. Tech Lead of MUN IIT(BHU) Varanasi 2017.
- **Winner** of FOSSASIA **Advance Developer Program 2018-19**. Attended **Open Tech Summit 2019, Singapore** as a Speaker.