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Summary

I am a self-taught programmer. I have strong background in engineering software from the ground up, with a keen eye towards **usability**. I am looking for an **internship** opportunity during May through mid-July 2011 (11 weeks) involving challenging software development especially in **web-application development** and **web-frontend development**.

Work Experience

International Neuroinformatics Coordinating Facility | Developer
Summer 2011

Worked with the German Node of INCF, as a **Google Summer of Code** Student developer, on building a **Data Analysis Tool** specifically tailored to handle **multi-channel time series** data.
The application was developed using the Google Web Toolkit.

Dataresolve Technologies, Kolkata | Development Intern
Winter 2010

Researched and implemented a prototype, from the ground-up, of a **document security layer** over Google Docs. Development was done in python/django using Google Data APIs.
Being a startup environment, this internship improved my **technical communication** skills, also adding to my experience with **product-design and conceptualization**.

Entrepreneurship Cell, IIT Kharagpur | Web Team Head
Summer 2010 - 2011

Developed a **CMS-like solution** from the ground up using a django/mysql setup*. During this time, I was also responsible for server upkeep and tackled various **DNS and System Administration tasks**.
* This solution was replaced in 2011 by a static website for lack of python developers

IndiaKhelo.com, Bangalore, Software Engineering Intern
Summer 2010

Developed a **visual-report generating** application using ReportLab. The application had a plugin-oriented data-entry interface.

Proficiencies

Javascript (non-trivial), Python, Java (in decreasing order of experience). I have a strong grasp of the web-development lifecycle. I have experience with both backend and frontend development. Usability and simplicity are key stress points in my approach.

Education

Currently enrolled in a B.Tech in Mechanical Engineering at the Indian Institute of Technology, Kharagpur. Expected Graduation : 2013