Nahid Najafi Hajivar

Full-stack Developer

Contact

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◯ github.com/AnnaNajafiH

Technical Skills

- **Frontend Development:**

  HTML5, CSS3, JavaScript,

  TypeScript, React.js, Bootstrap,

  Tailwind CSS

- **Backend Development:**

  Node.js, Express.js, PHP

- **Database Management:**

  MongoDB, SQL Databases

- **Version Control:**

  Git, GitHub

- **API Tools:**

  Postman, Swagger

- **Design Tools:** Figma

About Me

I am a passionate learner who thrives on challenges and embraces continuous self-improvement. My fascination with technology and its ever-evolving nature inspired me to transition into web and app development. Since starting this journey, I have developed a strong dedication to the field. I find great energy in working on projects, fully immersing myself in them without feeling fatigued.

My background in chemistry has refined my problem-solving abilities and strengthened my capacity to work with complex systems. Through years of conducting experiments, analyzing data, and developing methods, I've honed my attention to detail and cultivated the perseverance required to tackle intricate challenges. These skills have seamlessly translated into software development, where I now enjoy solving technical problems and building innovative solutions.

Education

Web & App Development   04/2024 – 08/2024
WBS Coding School Berlin / Germany

- Developed frontend system using HTML5, CSS3, JavaScript, TypeScript, and client-side frameworks and libraries such as React.js.
- Developed backend systems using Node.js and Express.js.
- Managed databases with MongoDB and SQL.
- Utilized Git and GitHub for version control.
- Built responsive web interfaces and applications.
- Developed RESTful APIs for seamless interaction between the frontend and backend.
- Designed wireframes and prototypes using Figma, ensuring visually appealing and user-friendly interfaces.

Master of Science in Organic Chemistry (M.Sc.)
Kashan University, Kashan, Iran   09/2011 – 10/2013

- Master thesis: „Nitration and Nitrosation of aromatic compounds using Nano Silica Phosphoric Acid under solvent free conditions"

Bachelor of Science in Chemistry (B.Sc.) 09/2006 – 06/2010
Shahid Chamran University, Ahvaz, Iran

- Bachelor thesis: „Study of chemical contamination, steel, copper, aluminum"

Work Experience

Assisted two research groups in chemical analysis, molecular phytopathology and mycotoxin research.

Molecular Phytopathology and   08/2018 – 03/2024
Mycotoxin Research institute
Georg-August University of Göttingen, Germany

Soft Skills

- Problem-Solving
- Willingness to Learn
- Teamwork
- Responsibility
- Flexibility
- Creativity

Other Skills

- Organic Compound Synthesis
- NMR
- IR Spectroscopy
- HPLC-MS
- Flash Chromatography
- Preparative HPLC
- Preparative TLC
- PCR
- Gel Electrophoresis
- ACD ChemSketch ,MarvinSketch
- DNA Extraction and Purification
- Gradient Elution Techniques
- Fungal Culture Techniques

Languages

- **Persian:** Native
- **German:** C1
- **English:** B2
- **Arabic:** A2

Intern in Synthetic Organic Chemistry   **03/2018 – 05/2018**

Molecular Phytopathology and Mycotoxin Research institute
Georg-August University of Göttingen , Germany

Researcher in Organic Chemistry   **11/2013 – 11/2015**

Royan Institute, Isfahan, Iran

- Published a scientific article in the "Research on Chemical Intermediates Journal" ,2015 : "Nano Fe_3O_4 as a magnetically recyclable, powerful, and stable catalyst for the multi-component synthesis of highly functionalized dihydro-2-oxopyrroles."

Chemical Technician   **07/2010 – 07/2011**

Razi Chemical Co., Isfahan, Iran

Awards and Achievements

Winner – Hackfestival 2024   **6–7 Sep 2024**

Rosengarten, Mannheim, Germany

- Collaborated in a team of four to develop a gamified app aimed at reducing workplace CO_2 emissions, enabling employees to track and lower their individual carbon footprint through personalized challenges.

Mental Health Hackathon, DGPPN Congress

CityCube, Berlin, Germany   **28-29 Nov 2024**

- Collaborated in a team of five to develop an innovative app aimed at increasing the acceptance of digital solutions in mental health care by addressing language barriers.

Example Projects

BookLook

https://booklook24-1.onrender.com

A full-stack web application built with JavaScript, React, MongoDB, Tailwind CSS and AI. Designed to manage open-air bookshelves in cities

EasyShop

https://github.com/AnnaNajafiH/ecommerce

A full-stack eCommerce application built with TypeScript, React, Express, MongoDB, Bootstrap, and CSS. It features state management using useReducer and useContext hooks.

Göttingen, January 18th, 2025