

# WHIT SPAULDING

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LinkedIn: <https://linkedin.com/in/whit-spaulding> | Portfolio: <https://whitspa.github.io/portfolio/>  
<https://github.com/whitspa>

Dynamic results-driven software engineer with a full stack web development certification from University of New Hampshire. Proven roles in custom IT solutions, logistics, leadership, agile development. Demonstrated ability to work in fast-paced diverse team environments. Thrive on problem solving and exceeding expectations.

## TECHNICAL SKILLS

**Languages:** HTML, CSS, JavaScript, jQuery, Bootstrap, Node.js, Express.js, MySQL, GraphQL, Sequelize, Handlebars, MongoDB, React, Jest, Turbo Pascal

**Tools:** VS Code, Git/GitHub, GitHub Pages, Google Chrome Debugger, Heroku, Insomnia, Slack, Workbench, Sandbox, Mongoose, MongoDB Atlas, Screencastify

**Other Applications:** Filemaker Pro, Excel, Word, Power Point

## PROJECTS

**Vacation Planner** | <https://github.com/whitspa/dreamvacation> | <https://safe-inlet-96324.herokuapp.com/>

- Summary: Plan your activities during your stay at a resort. Choose activities. Add them to your profile
- Role: Front end
- Tools: React, GraphQL, Node.js, Express.js, MongoDB, Mongoose ODM

**Social Network API** | <https://github.com/whitspa/socialnetworkapi> | <https://tinyurl.com/yc7znvbf>

- Summary: Users can share thoughts, react to friends' thoughts, create friends lists, see friend counts
- Role: Sole Author
- Tools: Express.js, MongoDB, Mongoose ODM, Insomnia

**Employee Tracker** | <https://github.com/whitspa/employeetracker> | <https://tinyurl.com/yz98d2wk>

- Summary: CMS to manage employees. Add employees, Change salaries, Change roles
- Role: Sole Author
- Tools: Node.js, Inquirer, MySQL, Insomnia

## RELEVANT EXPERIENCE

2020-present

**ACADEMIC VENTURE LAB**

**Hanover, NH**

***Founding Partner***

- Facilitate strengths-based coaching to veterans-in-transition, small business teams
- Reorganized client office from top down structure to team collaborators resulting in retention of top talent
- Utilized agile development principles to reduce product defects by 50% and increase output by 30%
- Analyzed customer historical order data and market data to help client adjust prices and grow gross margin by 50% in six months

## ADDITIONAL EXPERIENCE

1992-2020

**WHEELOCK BOOKS**

**Hanover, NH**

***Founder/Manger***

- Built and grew retail College Bookstore from \$0 to \$2.5 million by understanding a multi-sided market. Out-competed a series of fortune 500 companies (Barnes & Noble, Amazon) by delivering on dual customer needs.
- Managed teams to design CRM, Inventory Mgt, Forecasting, Accounting apps to optimize market niche unattainable by competitors (who utilized industry standard software/hardware packages)

- Created training and recruiting systems for college students and recent graduates to rapidly deploy new team mates with zero prior experience. Conveyed institutional knowledge to division managers through the creation of customized training manuals, 1:1 coaching, rigorous testing and simulations. Created bonus/incentive structure for Division Managers to recruit and train their staff and their successors. System was so successful never had job vacancies or under performing staff in 20 years.
- Created environment of psychological safety and innovation so Division managers could thrive and take risks. Division Mangers leveraged that experience to go on to advanced degrees in medicine, law, business at leading institutions such as Mayo Clinic, Harvard, Tuck and hold leadership positions in Brand Management, Consulting Logistics, Medicine, Social Impact, Software Development at top-rated organizations such as Dartmouth College, Lippincott Brand Consultancy, Dartmouth Hitchcock Medical Center, NFL Houston Texans Front Office
- Orchestrated continuous improvements to take advantage of market opportunities: In one ten day period I doubled the floor plan, rebuilt the retail infrastructure, and implemented a custom ecommerce solution to accommodate the overnight doubling of customer volume due to the collapse of my competition.

#### **Skills/Relevant Experience:**

- Process improvements that enable people to get more work done with higher satisfaction
- Distilling activities down to their core elements, building elegant solutions, and removing unnecessary work
- Building great teams from inexperienced teammates by understanding their talents, interests, and motivations and giving them responsibilities that build on these and stretching them to gain more skills

#### **EDUCATION**

June-Mar. 2023 **UNH FULL STACK DEVELOPER**  
Virtual

##### ***Program Certificate***

A 24-week intensive program focused on gaining skills in web development from front end to back end, design to production.

**DARTMOUTH COLLEGE**

**Hanover, NH**

***Bachelor of Arts: Geography/ Native American Studies***

#### **VOLUNTEER**

##### **Community Boards/Social Impact:**

- Fairbanks Museum VP: Increased relevance and reversed revenue decline by focusing on youth STEM programming versus ticket sales. Created “Feast With the Beasts”, and “Animal Buddies” on-site programs to increase community engagement
- COVER Home Repair/Reuse VP: Transitioned start up non-profit to board governance, recruited and trained staff and board members, 10X increase in home project completion rate
- Sphinx Foundation President: Converted club to non-profit by emphasizing historical relevance, raised \$1.5M from small donor pool
- Town of Hanover Conservation Commission Chair: Moved the Commission from advisory role to policy-making role by demonstrating wise natural resource management leads to town-wide benefits in such diverse areas as carbon sequestration and work force housing
- Christmas Cove Improvement Association Board of Directors: Created COVID-compliant curriculum for summer youth program prior to existence of youth vaccines. Program had 300 children for two months with no cases of infection